Sherwood®

Service Manual

BRIDGEABLE STEREO AMPLIFIER

Model No.: XA-5300 /5400

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PRODUCT SAFETY NOTICE

Many electrical parts in this chassis have special safety-related characteristics.These characteristics are often passed unnoticed by a visual inspection and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual and its supplements:electrical components having such features are identified by shading on the schematic diagram and the parts list. Before replacing any of these components, read the parts list in this manual carefully.The use of substitute replacement parts which do not have the same safety characteristics as specified in the parts list may creat shock, fire or other hazards.

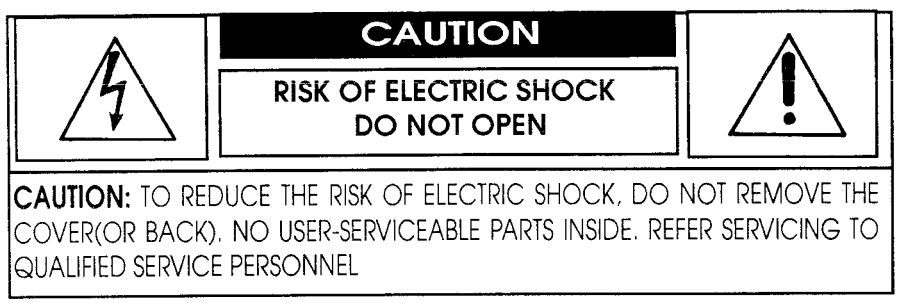
OPERATING PRECAUTIONS

Warning: To reduce the risk of fire or electric shock, do not open expose this appliance to rain or moisture. Do not open the cabinet.Refer servicing to qualified personnel only.

Caution: To prevent electric shock, do not use this (polarized) plug with an extension cord receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

The lighting flash with arrowhead symbol within an eqaulateral triangle is intended to alter the user to the presence of unsulated " dangerous voltage" within the products enclosure that may be of sufficient magnitude to consititude a risk of electric shock to persons.

The exclamation point within an equalateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER(OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

The serial number is found on the bottom unit.This number is unique to this unit and not available to others. You should record requested information here and retain this guide as a permanent record of your purchase.

Date of Purchase _____
Dealer Purchased From _____
Dealer Address _____

Dealer phone No. _____
Model No. _____
Serial No. _____

IMPORTANT SAFEGUARDS

1. **Read Instructions** - All safety and operating instructions should be read before the unit is operated.

2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.

3. **Heeding Warning** - All warnings on the equipment and in the operating instructions should be adhered to.

4. **Follow Instruction** - All operating and use instructions should be followed.

5. **Cleaning** - Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning the unit.

6. **Ventillation** - Slot and openings in the cabinet are provided for ventillation and to protect it from overheating, and these openings must not be blocked or covered.

   This equipment should never be placed near a heat source or in a built-in installation such as a rack unless proper ventillation is provided.

7. **Power Source** - This equipment should be operated only from the type of power source indicated on the marking label.

8. **Grounding** - This product is equipped with a polarized alternating-current line plug. This plug will fit into the power outlet only one way.This is a safety feature.If the plug should fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

9. **Power Cord Protection** - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them;pay particular attention to cords at plug, convenience receptacles and the point where cords exit from the equipment.

10. **Overoading** - Do not overload power outlets and extension cords as this can result in a risk of fire or electric shock.

11. **Damage Requiring Service** - Unplug this equipment from the power source and refer servicing to qualified service personnel under the following conditions:

    a. When the power supply cord or plug is damaged:

    b. If liquid has been spilled or objects have fallen into the unit:

    c. If the equipment has been exposed to rain or water.

    d. If the equipment has been dropped or otherwise damaged:

    e. When the euipment exhibits a distinct change in performance-this indicates need for service.

IMPORTANT SAFEGUARDS

12. **Water and Moisture** - Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

WARNING
MOVE WITH CARE !

THIS CART/APPLIANCE COMBINATION SHOULD NOT BE MOVED BY CHILDREN WITHOUT PROPER GUIDANCE FROM AN ADULT

Push to move the art, do not pill or guide from front, Quick stops, excessive force, or uneven surfaces may cause this cart to tip while being moved.

13. **Accessories** - Do not place this product on an unstable cart, stand, tripod, bracket, or table.The product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Any mounting of the appliance should follow the manufacture's instructions, and should use a mounting accessory recommended by the manufacturer.

14. **Object and Liquid Entry** - Never push objects of any kind iinto this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.Never spill liquid of anykind on the product.

15. **Servicing** - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage of other hazards. Refer all servicing to qualified service personnel.

16. **Replacement Parts** - When replacement parts are required, besure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized substitutions any result in fire, electric shock or other hazards.

17. **Safety Check** - Upon completion of service or repairs to this product, ask service technician to perform safety checks to determine that the product is in proper operating condition.

18. **Power Line** - The booster amplifier system should not be located near overheat power lines or other electrical light or power circuits, or circuits. When installing a booster amplifier system, avoid dangerous contact with power line or circuits.

19. **Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.

SPECIFICATIONS

XA-5300

- Output Power(Watts)/CH into 4 ohms
  @20 Hz - 20 kHz, 0.5% THD.....30W
  @ 1 kHz, 10% THD.....50 W

- Output Power/BTL CH into 4 ohms
  @1 kHz, 0.5% THD.....75 W x 2

- Frequency Response, -3dB @ 1w.....5 Hz -70kHz
- Signal to Noise Ratio(IHF A).....95dB
- Input Sensitivity @ 4 ohms, 1 kHz 35 W
  Line Input/600 ohms.....250mV - 2.5V
  Speaker Input/ 5ohms.....1 - 5V
- Input Impedance
  Line Input.....12 K-2K ohms
  Speaker Input.....50- 2 ohms
- Operating Voltage.....DC 12V
- Speaker Impedance.....4 -8 ohms
- Dimensions(W/H/D).....300/60/300mm
- Fuse(Main).....30A
- Weight(Net).....3.7Kg

XA-5400

- Output Power(Watts)/CH into 4 ohms
  @20 Hz - 20 kHz, 0.5% THD.....60W
  @ 1 kHz, 10% THD.....80 W

- Output Power/BTL CH into 4 ohms
  @1 KHz, 0.5% THD.....125 W

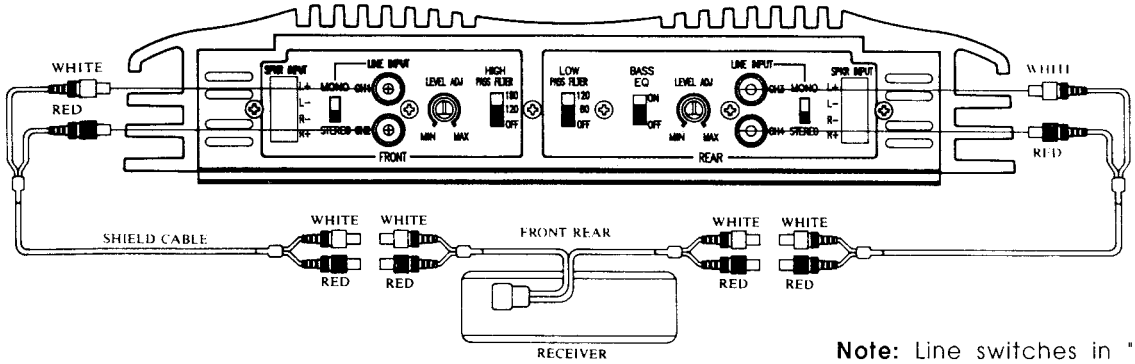
- Frequency Response, -3dB @ 1w.....5 Hz -70kHZ
- Signal to Noise Ratio(IHF A)/UNWTD.....95dB
- Input Sensitivity @ 4 ohms, 1 kHz 35 W
  Line Input/600 ohms.....250mV - 2.5V
  Speaker Input/ 5ohms.....1 -5V
- Input Impedance
  Line Input.....12K-2K ohms
  Speaker Input.....50-2 ohms
- Operating Voltage.....DC 12V
- Speaker Impedance.....4 -8 ohms
- Dimensions(W/H/D).....300/60/320mm
- Fuse(Main).....25 x 2A
- Weight(Net).....4Kg

Note:Nominal specs represent the design specs: all units should be able to approximate these-some will exceed and some may drop slightly below these specs.Limit specs represent the absolute worst condition that still might be considered accepatacle in no case should a unit fail to meet Limit specs.

LOCATION OF CONNECTIONS

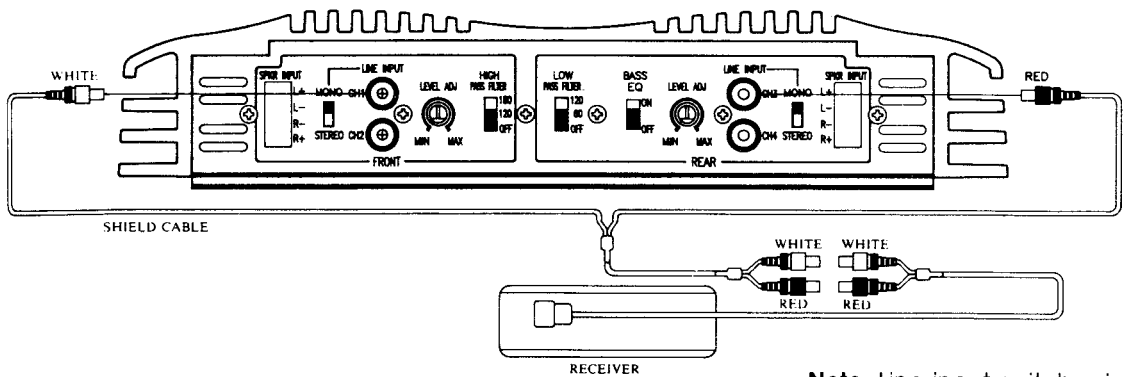
1. LINE INPUT CONNECTIONS (Front Panel)

(1) CONNECTION FOR 4 CHANNEL LINE OUT FROM HEAD UNIT



Note: Line switches in "STEREO" position for stereo operation or "MONO" for Bridged (BTL) operation.

(2) CONNECTION FOR 2 CHANNEL LINE OUT FROM HEAD UNIT

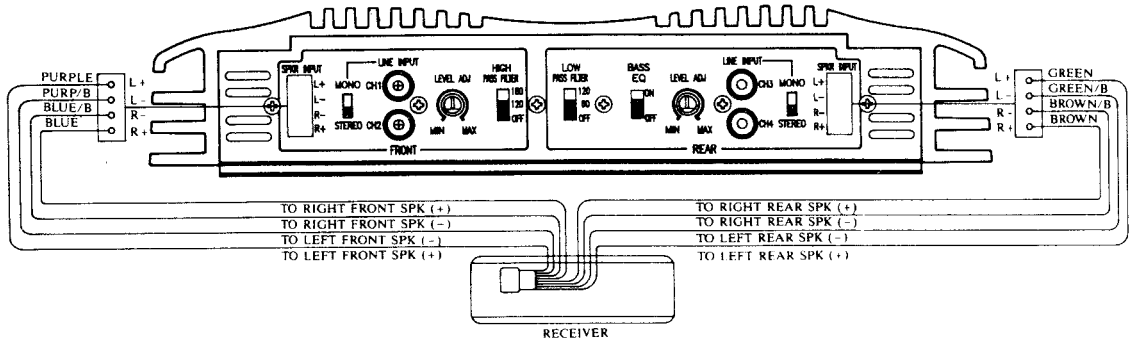


Note: Line input switches in "MONO" position.

LOCATION OF CONNECTIONS

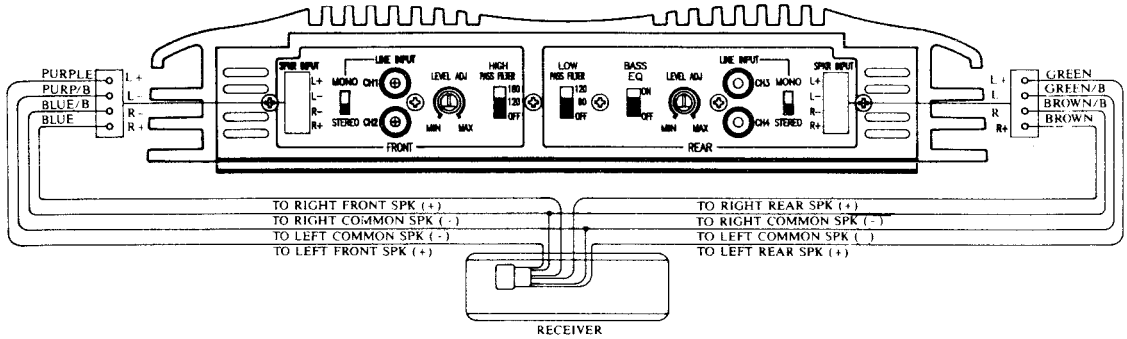
2.SPEAKER INPUT CONNECTIONS (Front Panel)

(1) CONNECTION FOR 8 SPEAKER OUT WIRES FROM HEAD UNIT



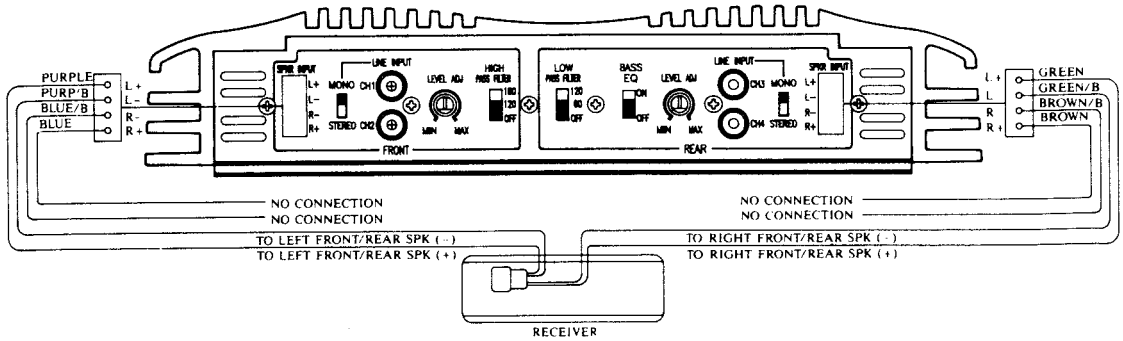
Note: Switch settings on "STEREO"

(2) CONNECTION FOR 6 SPEAKER OUT WIRES FROM HEAD UNIT



Note: Switch settings on "STEREO"

(3) CONNECTION FOR 4 SPEAKER OUT WIRES FROM HEAD UNIT

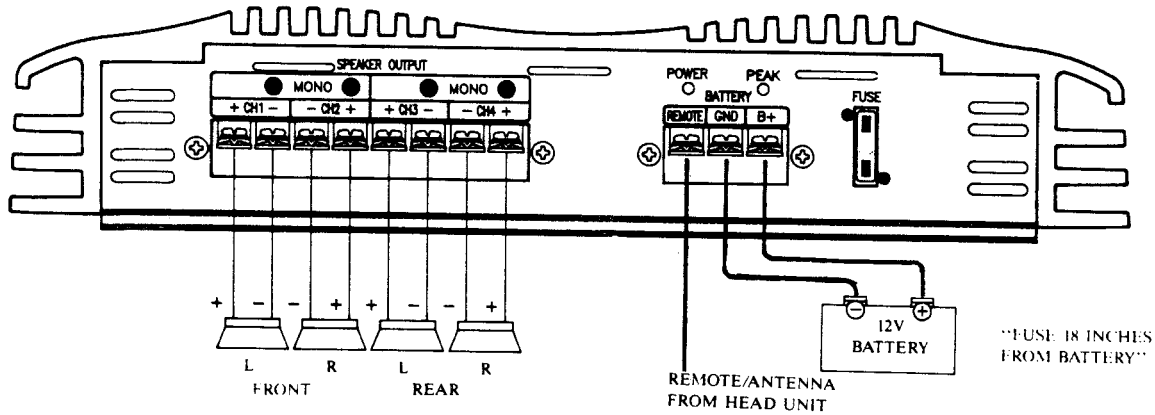


Note: Switch settings on "MONO"

LOCATION OF CONNECTIONS

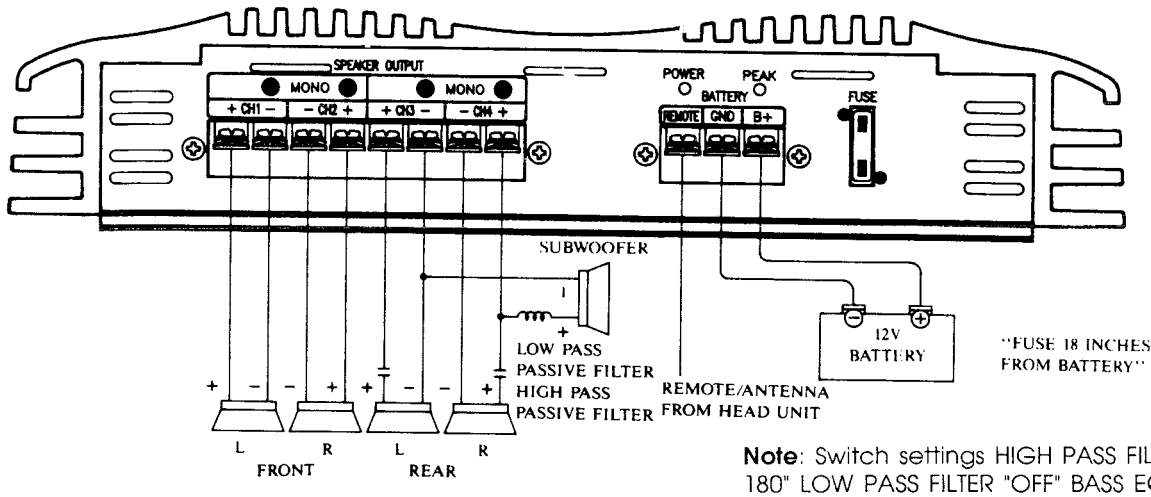
3.SPEAKER OUTPUT CONNECTIONS (Rear Panel)

(1) 4 CHANNEL STEREO MODE



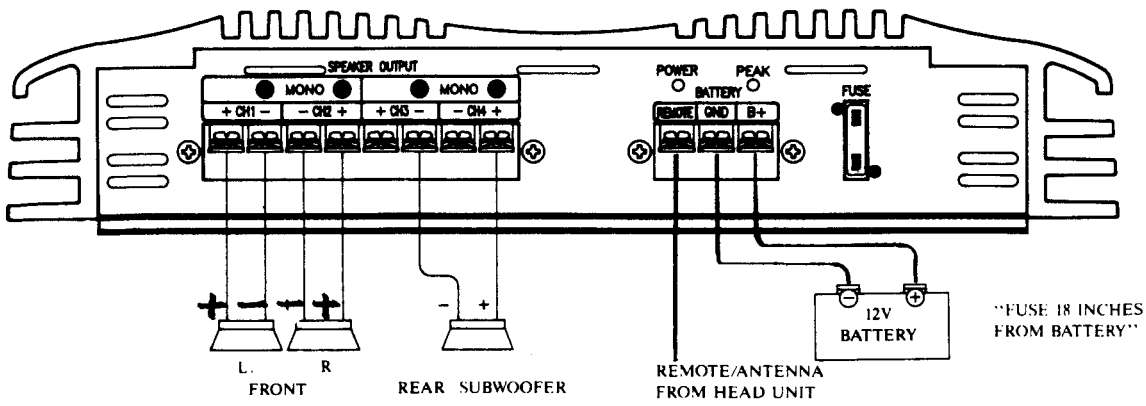
Note: Switch settings HIGH PASS FILTER"120, 180 or OFF" LOW PASS FILTER "OFF" BASS EQ. "OFF"

(2) 4 CHANNEL MONO WITH MONO SUB-WOOFER MODE



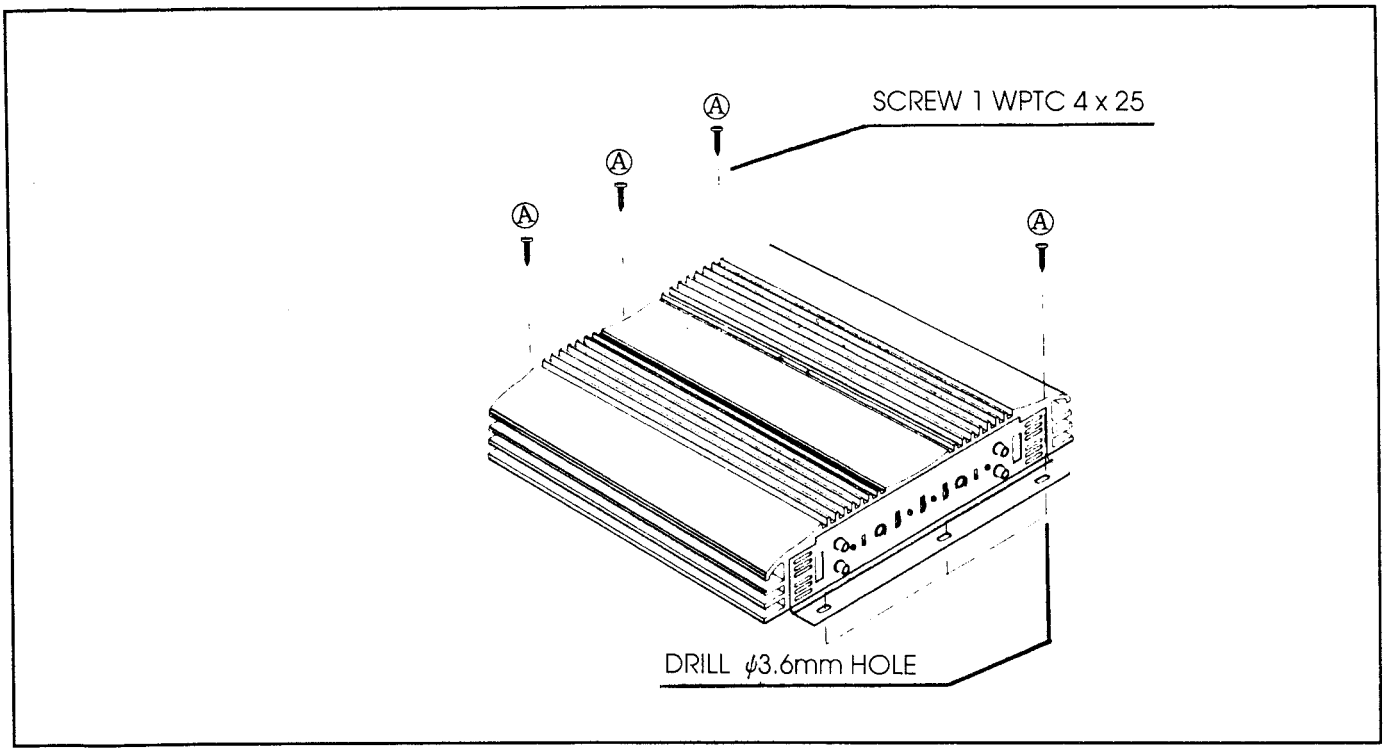
Note: Switch settings HIGH PASS FILTER"120 or 180" LOW PASS FILTER "OFF" BASS EQ. " ON or OFF"

(3) STEREO SPEAKERS WITH MONO SUB-WOOFER MONO



Note: Switch settings HIGH PASS FILTER"120 or 60" BASS EQ. "ON or OFF"

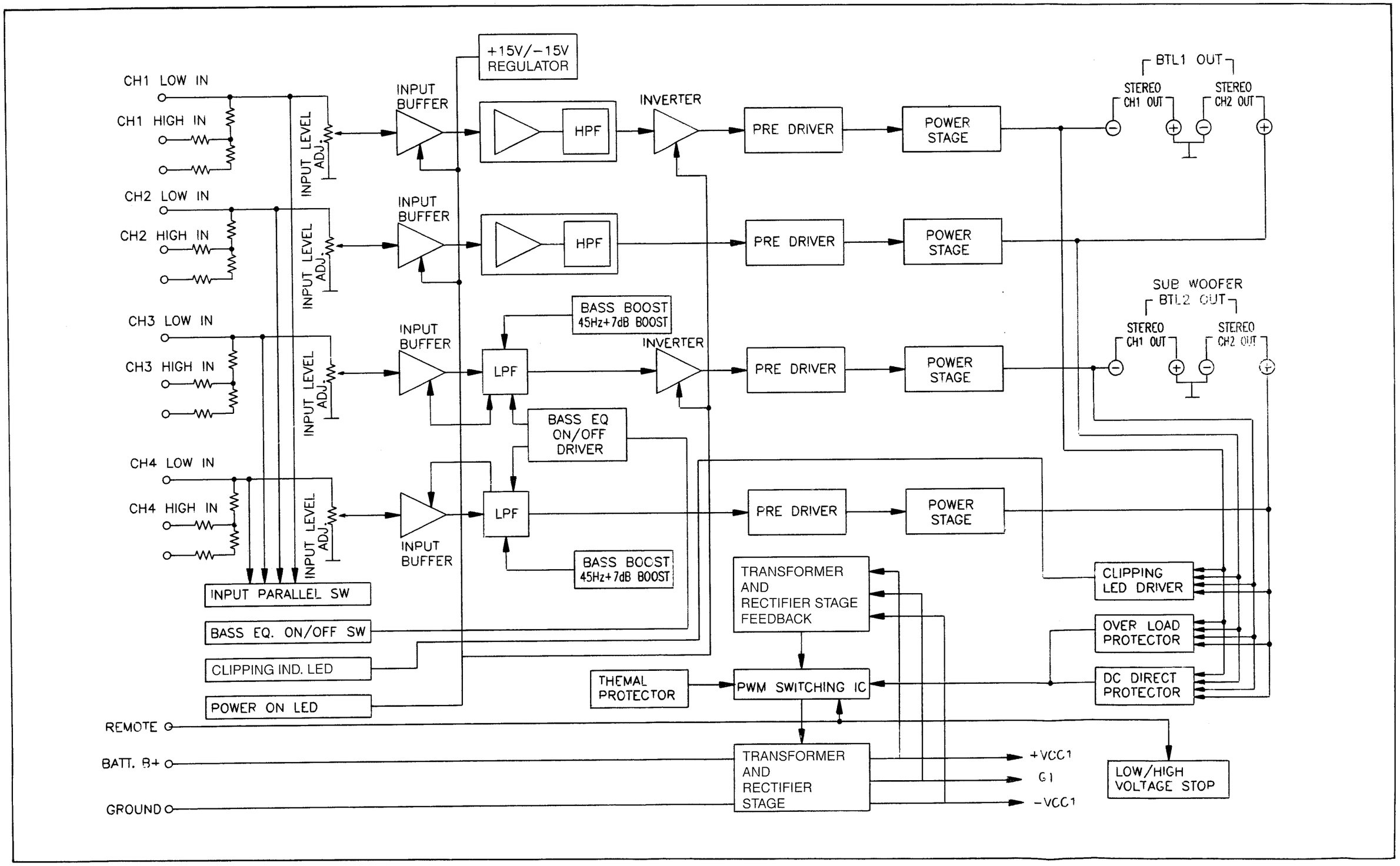
DISASSEMBLY INSTRUCTIONS



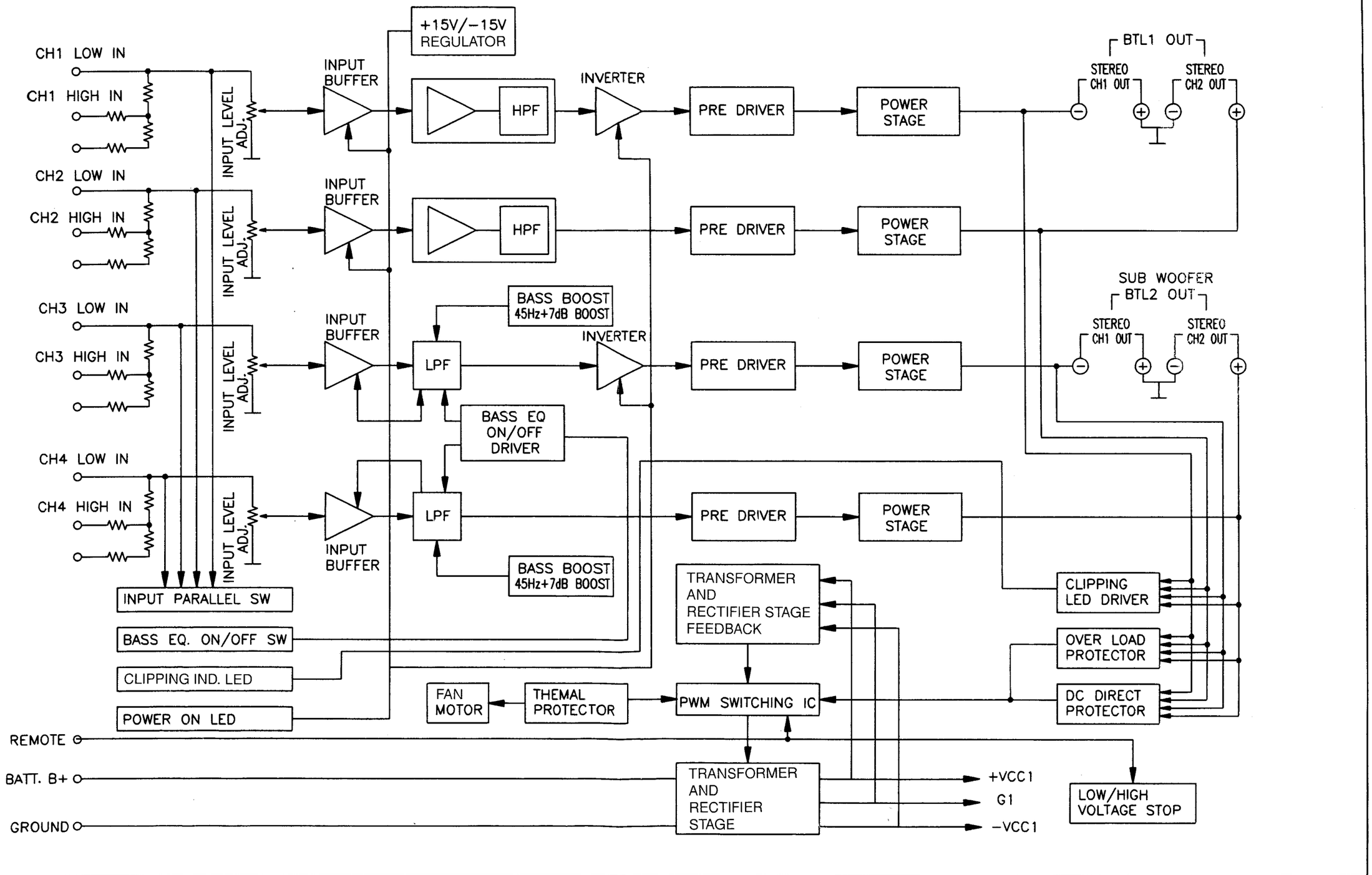
Bottom Chassis Removal

1. Turn the unit upside down (See Figure1).
2. Remove the four screws Ⓐ from the bottom chassis.

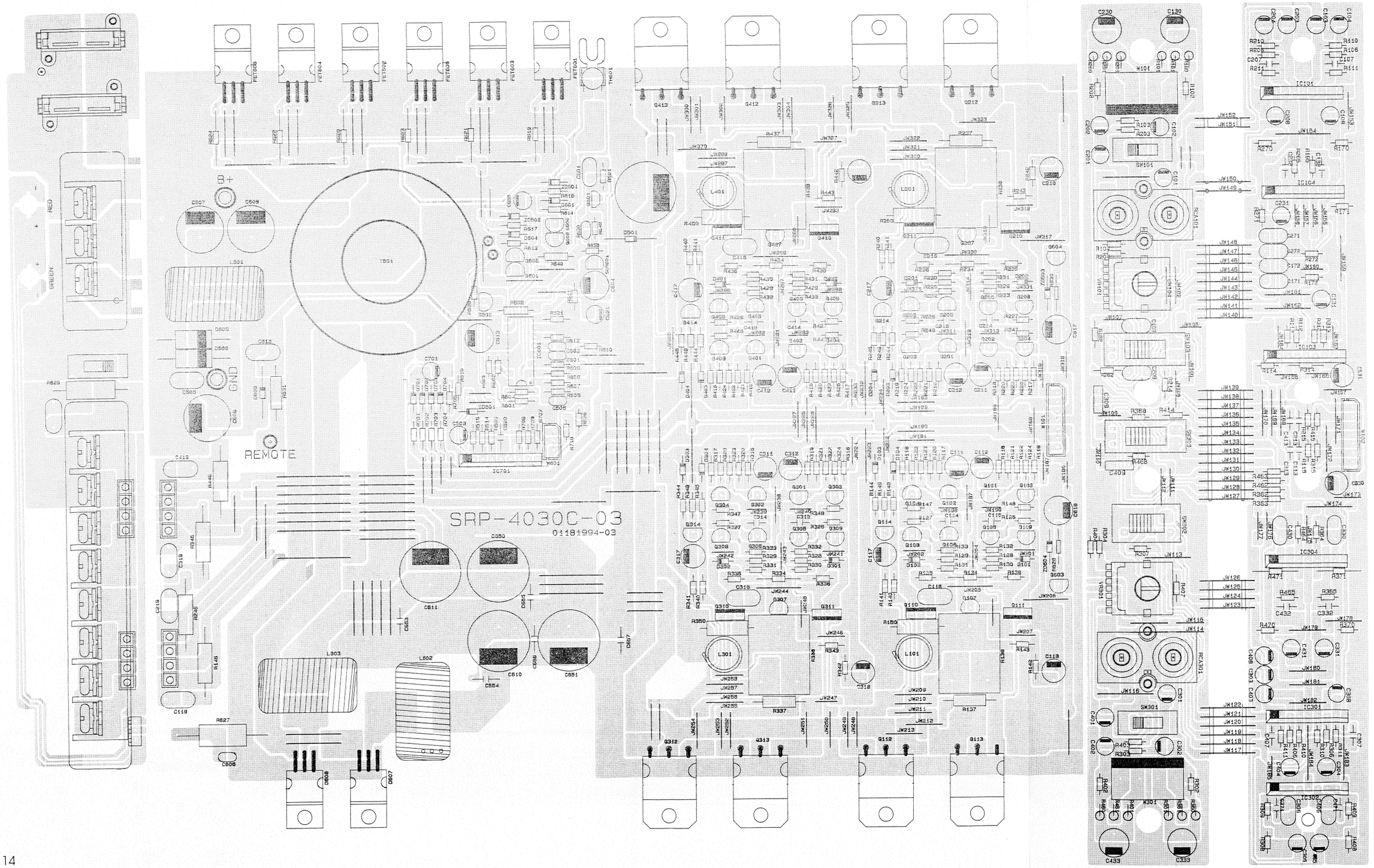
BLOCK DIAGRAM (For XA-5300)



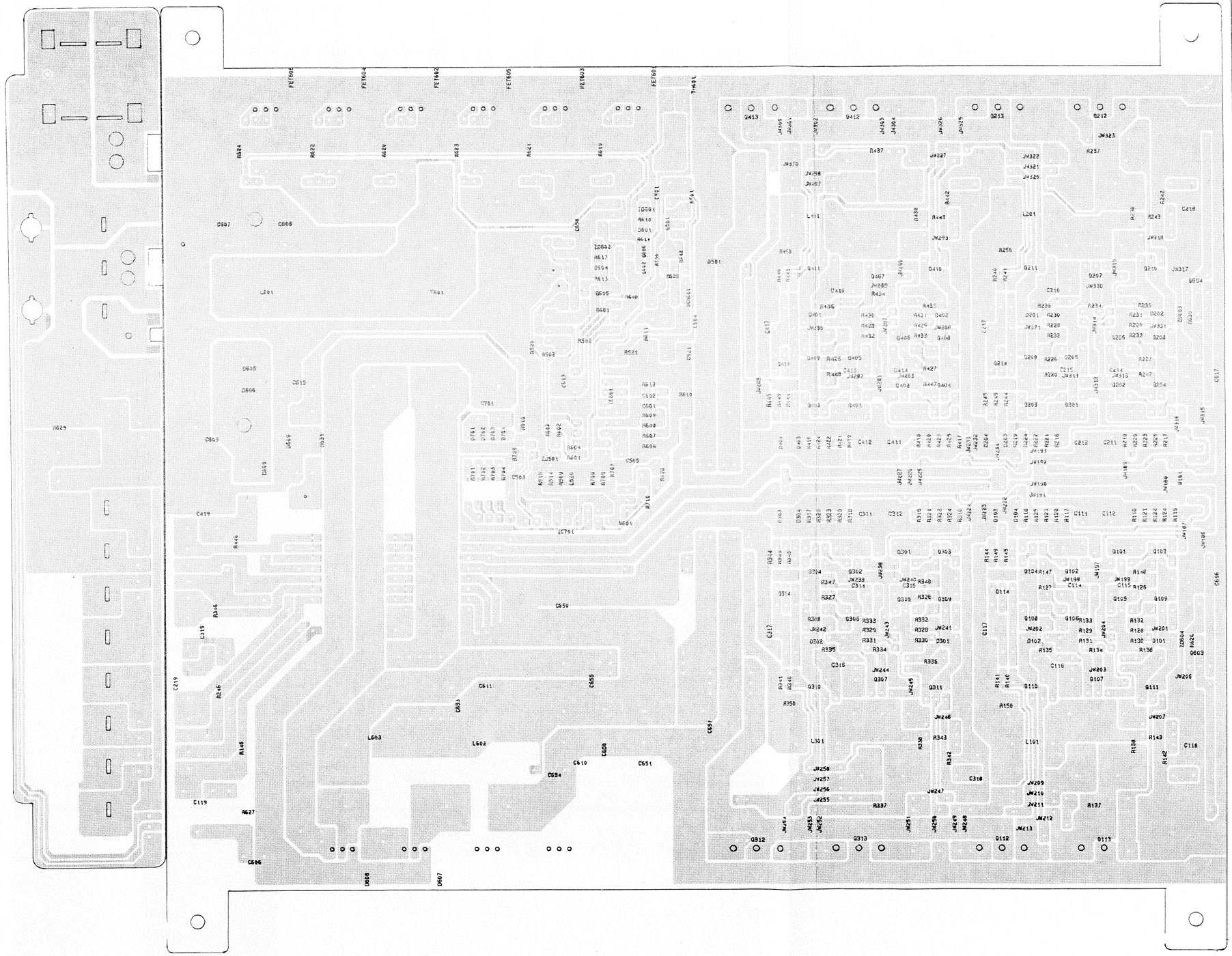
BLOCK DIAGRAM (For XA-5400)

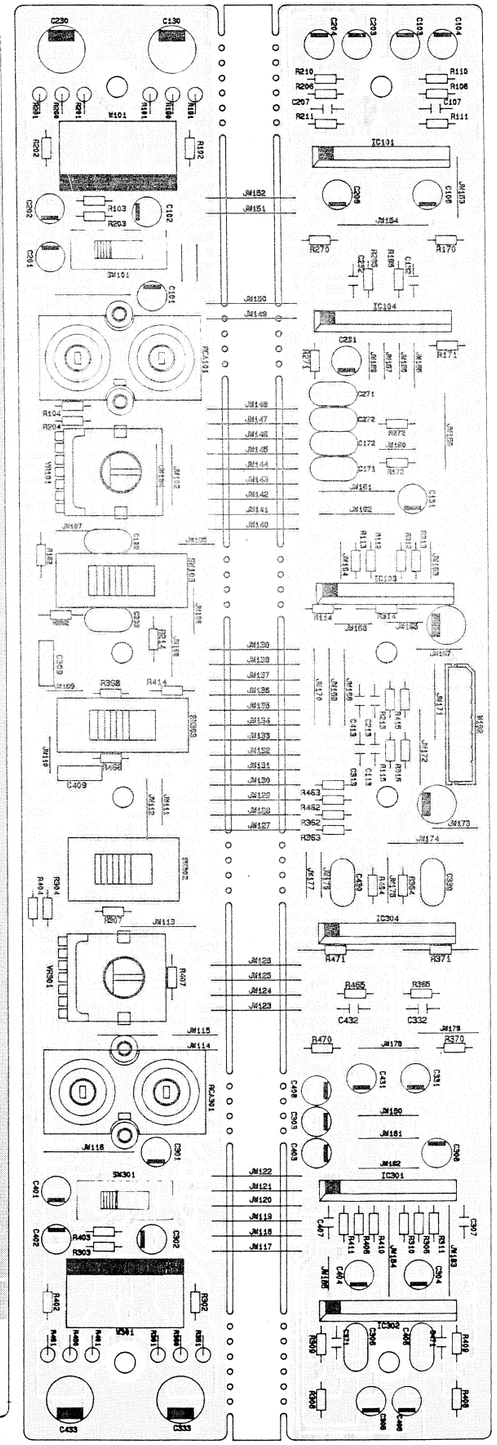


TOP VIEW

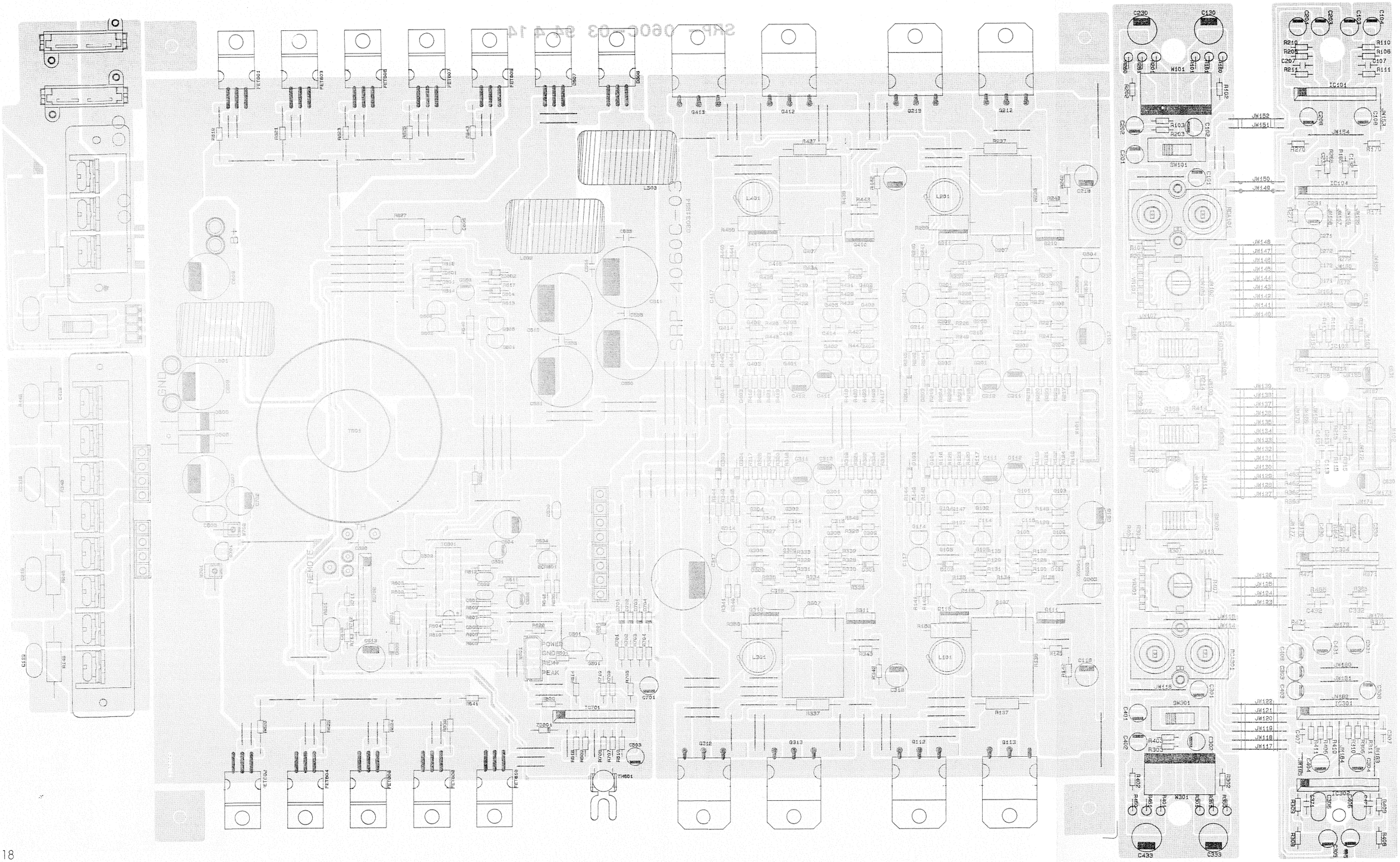

SRP-4030C-03
01181994-03
REMOTE
B+
GND
RED
GREEN
TB01
IC701
IC101
IC104
IC103
IC304
IC301
IC302
SW101
SW902
SW301
L401
L201
L301
L101
L501
L602
L603
Q413
Q412
Q411
Q212
Q312
Q313
Q112
Q113
FET501
FET502
FET503
FET504
FET505
FET601
FET602
FET603
FET604
FET605
TH601

BOTTOM VIEW

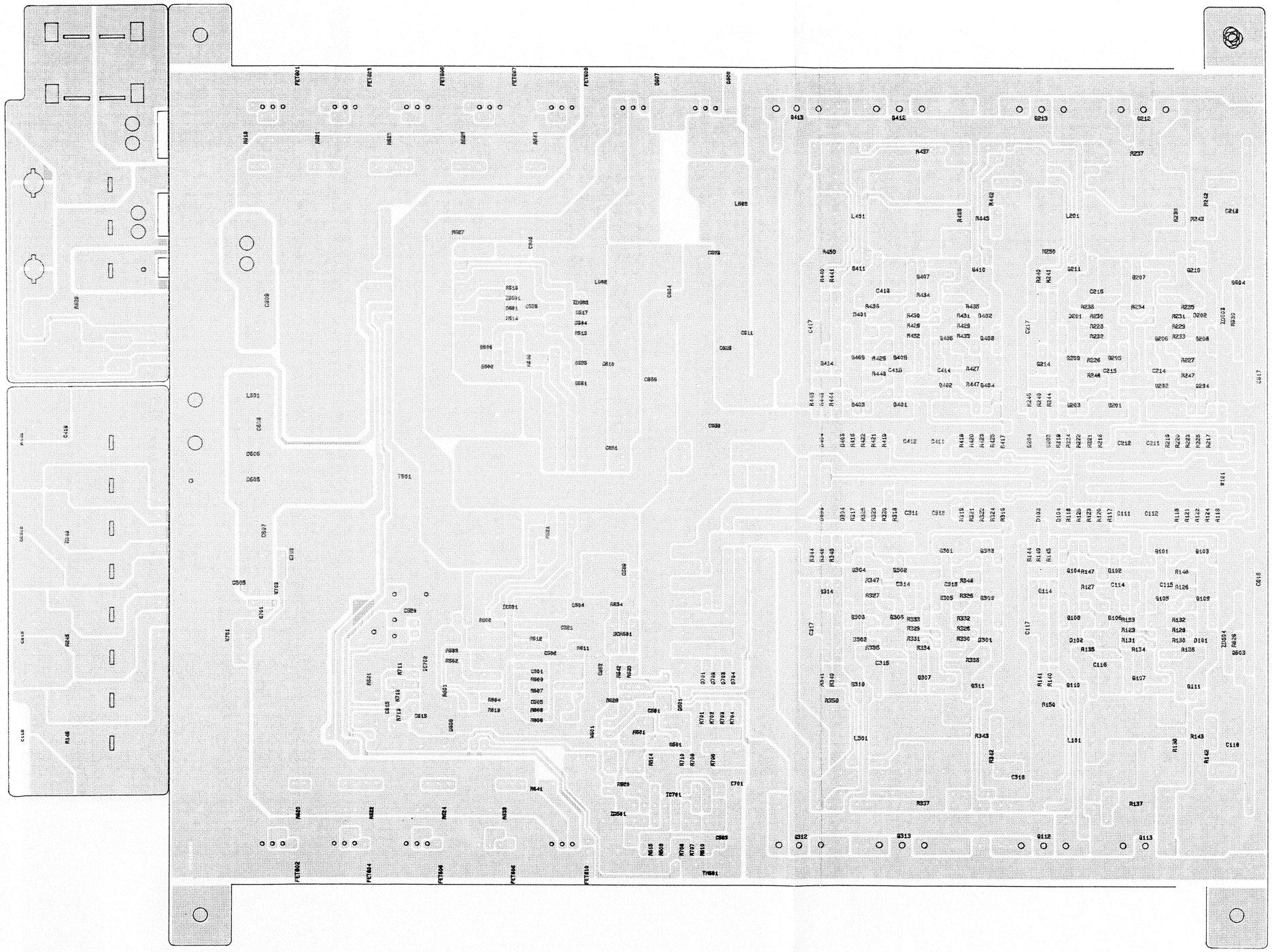


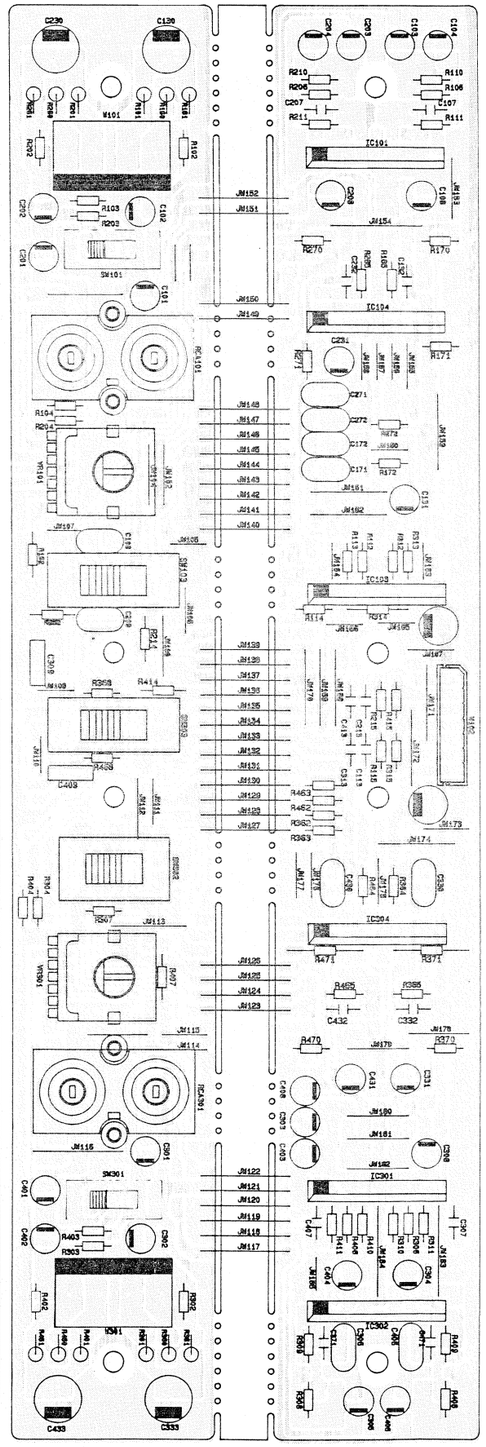


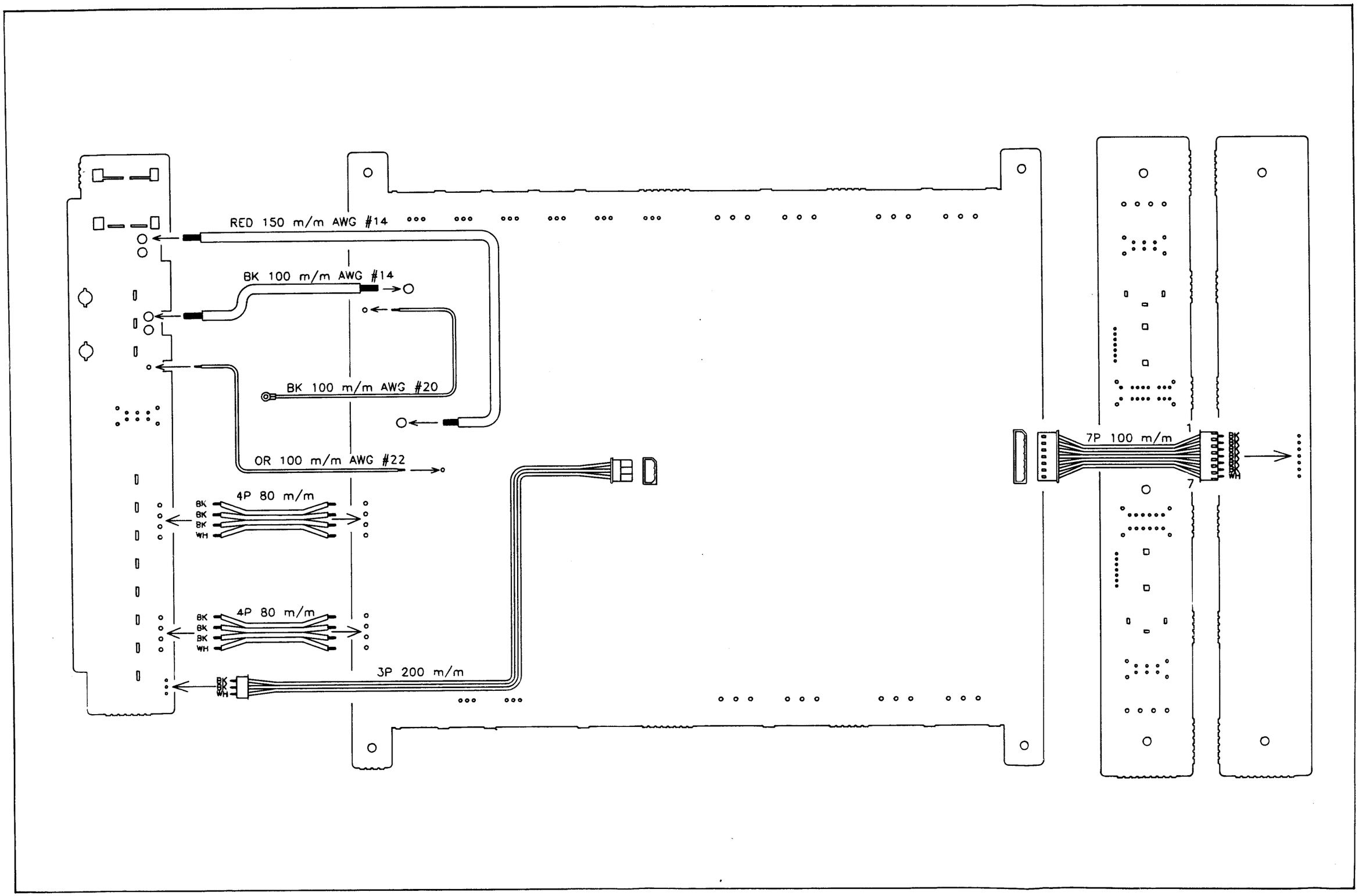
TOP VIEW

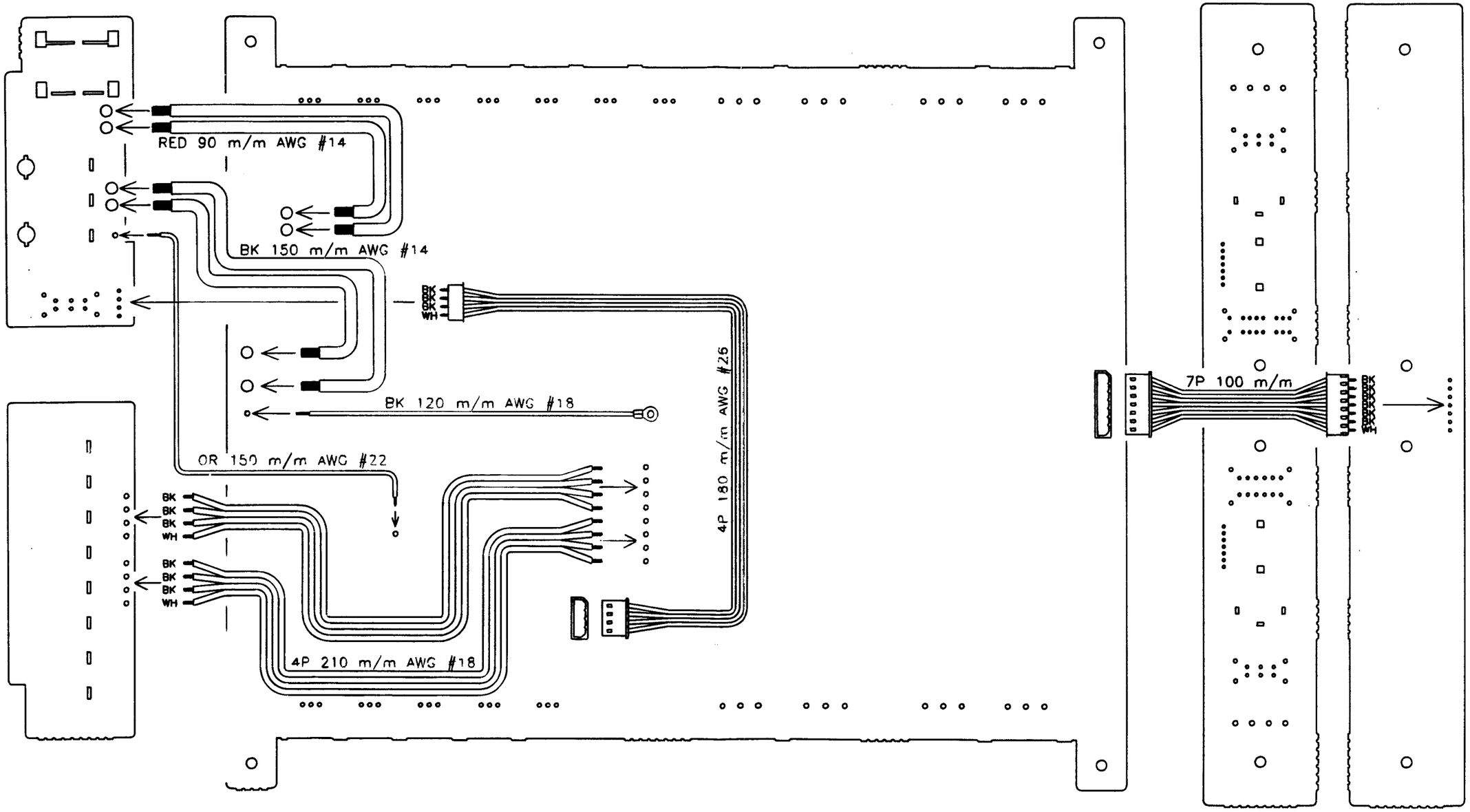


BOTTOM VIEW

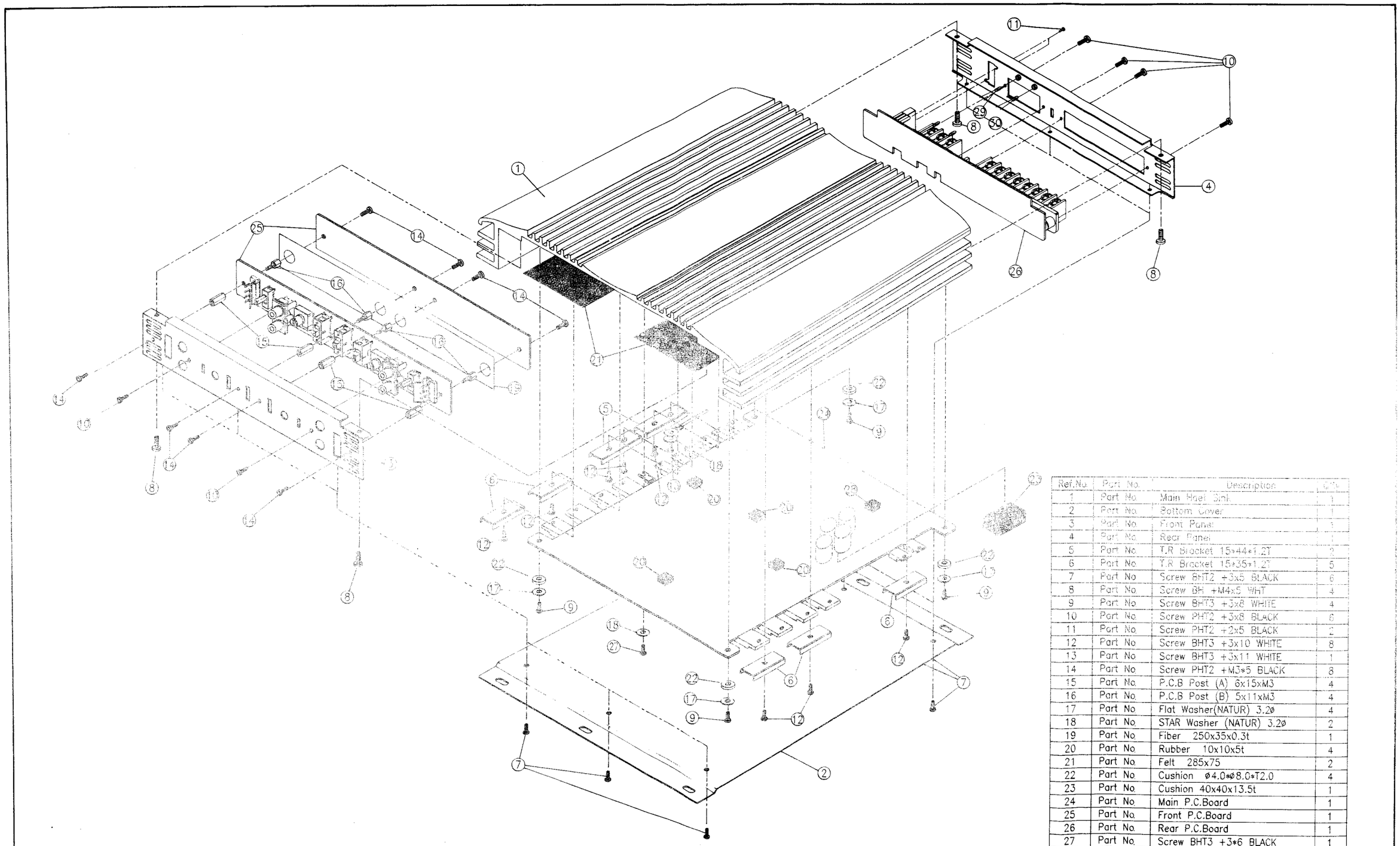





RED 150 m/m AWG #14
BK 100 m/m AWG #14
BK 100 m/m AWG #20
OR 100 m/m AWG #22
4P 80 m/m
BK
BK
BK
WH
4P 80 m/m
BK
BK
BK
WH
3P 200 m/m
BK
BK
WH
7P 100 m/m
1
7
BK
WH


RED 90 m/m AWG #14
BK 150 m/m AWG #14
BK 120 m/m AWG #18
OR 150 m/m AWG #22
BK
BK
BK
WH
BK
BK
BK
WH
4P 210 m/m AWG #18
4P 180 m/m AWG #26
7P 100 m/m
BK
WH

EXPLODED VIEW (For XA-5300)



Ref.No.	Part No.	Description	Q'ty
1	Part No.	Main Heat Sink	1
2	Part No.	Bottom Cover	1
3	Part No.	Front Panel	1
4	Part No.	Rear Panel	1
5	Part No.	T.R Bracket 15x44x1.2T	2
6	Part No.	T.R Bracket 15x35x1.2T	5
7	Part No.	Screw BHT2 +3x5 BLACK	6
8	Part No.	Screw BH +M4x5 WHT	4
9	Part No.	Screw BHT3 +3x8 WHITE	4
10	Part No.	Screw PHT2 +3x8 BLACK	6
11	Part No.	Screw PHT2 +2x5 BLACK	2
12	Part No.	Screw BHT3 +3x10 WHITE	8
13	Part No.	Screw BHT3 +3x11 WHITE	1
14	Part No.	Screw PHT2 +M3x5 BLACK	8
15	Part No.	P.C.B Post (A) 6x15xM3	4
16	Part No.	P.C.B Post (B) 5x11xM3	4
17	Part No.	Flat Washer(NATUR) 3.2ø	4
18	Part No.	STAR Washer (NATUR) 3.2ø	2
19	Part No.	Fiber 250x35x0.3t	1
20	Part No.	Rubber 10x10x5t	4
21	Part No.	Felt 285x75	2
22	Part No.	Cushion ø4.0*ø8.0*T2.0	4
23	Part No.	Cushion 40x40x13.5t	1
24	Part No.	Main P.C.Board	1
25	Part No.	Front P.C.Board	1
26	Part No.	Rear P.C.Board	1
27	Part No.	Screw BHT3 +3*6 BLACK	1
28	Part No.	RUBBER 15*15*T6.0	1
29	Part No.	L.E.D Red	1
30	Part No.	L.E.D Green	1

EXPLODED VIEW (For XA-5400)

Ref.No.	Part No.	Description	Q'ty
1	Part No.	Main Heat Sink	1
2	Part No.	Bottom Cover	1
3	Part No.	Front Panel	1
4	Part No.	Rear Panel	1
5	Part No.	T.R Bracket (A) 15x35x1.2t	5
6	Part No.	T.R Barcket (B) 15x44x1.2t	2
7	Part No.	T.R Bracket (C) 15x65x1.2t	1
8	Part No.	SCREW PH +3*5 WHITE	4
9	Part No.	SCREW BH +M4*5 WHITE	4
10	Part No.	Screw BHT3 +3x8 WHITE	4
11	Part No.	Screw PHT2 +3x8 BLACK	6
12	Part No.	Screw PHT2 +2x5 BLACK	4
13	Part No.	Screw PHT3 +3x10 WHITE	10
14	Part No.	Screw PHT3 +3x11 WHITE	2
15	Part No.	Screw PH +M3x5 BLACK	8
16	Part No.	Screw PH +M3x10 BLACK	4
17	Part No.	Screw BHT2 +3x5 BLACK	6
18	Part No.	Screw Zinc 3x5 T 3 BH	1
19	Part No.	Screw Bk 4x25 M 2 BH	4
20	Part No.	Nut Bk M 4	4
21	Part No.	P.C.B Post (A) 6x15xM3	4
22	Part No.	P.C.B Post (B) 5x11xM3	4
23	Part No.	Flat Washer(NATU) 3.2ø	4
24	Part No.	STAR WASHER 3.2ø	3
25	Part No.	Fiber 250x35x0.3t	1
26	Part No.	Rubber 10x10x5t	4
27	Part No.	Rubber 15x15x6t	1
28	Part No.	Felt 285x75	2
29	Part No.	Cushion D4.0*D8.0*T2.0	4
30	Part No.	Cushion 40x60x2.0t	1
31	Part No.	Main P.C.Board	1
32	Part No.	Front P.C.Board	1
33	Part No.	Rear P.C.Board	1
34	Part No.	D.C Fan	1
35		L.E.D Red	1
36		L.E.D Green	1
37			

ELECTRICAL PARTS LIST (For XA-5300)

Caution: Indicated with a ⚠ in the schematic diagram and the parts list are designated components which have special important safety features and should be replaced only with types identical to those in the original circuit or specified in the parts list. Before replacing any of these components, read carefully the SAFETY NOTICE on page 2 in this manual.Do not degrade the safety of the unit through improper

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Integrated Circuits			
IC101	Integrated Circuit UPC 4570	68013116	
IC102	Not Used		
IC103	Integrated Circuit UPC 4570	68013116	
IC104	Integrated Circuit UPC 4570	68013116	
IC105-IC300	Not Used		
IC301	Integrated Circuit UPC 4570	68013116	
IC302	Integrated Circuit UPC 4570	68013116	
IC303	Not Used		
IC304	Integrated Circuit UPC 4570	68013116	
IC305-IC600	Not Used		
IC601	Integrated Circuit TL 494 CN	38013118	
IC602-IC700	Not Used		
IC701	Integrated Circuit KIA 393 S	68000114	
Transistors			
Q101	Transistor KTA 1268 GR	08126801	
Q102	Transistor KTC 3200 GR	08320003	
Q103	Transistor KTA 1268 GR	08126801	
Q104	Transistor KTC 3200 GR	08320003	
Q105	Transistor KTC 3200 GR	08320003	
Q106	Transistor KTA 1268 GR	08126801	
Q107	Transistor BC 517	08517023	
Q108	Transistor KTC 2235 Y	28406120	
Q109	Transistor KTA 965 Y	28965001	
Q110	Transistor 2SD 600 E	28600504	
Q111	Transistor 2SB 631E	28631502	
Q112	Transistor KTD 998	28998004	
Q113	Transistor KTB 778	28778002	
Q114	Transistor KTC 3198 Y	08606104	
Q115-Q200	Not Used		
Q201	Transistor KTA 1268 GR	08126801	
Q202	Transistor KTC 3200 GR	08320003	
Q203	Transistor KTA 1268 GR	08126801	
Q204	Transistor KTC 3200 GR	08320003	
Q205	Transistor KTC 3200 GR	08320003	
Q206	Transistor KTA 1268 GR	08126801	
Q207	Transistor BC 517	08517023	
Q208	Transistor KTC 2235 Y	28406120	
Q209	Transistor KTA 965 Y	28965001	
Q210	Transistor 2SD 600 E	28600504	
Q211	Transistor 2SB 631E	28631502	
Q212	Transistor KTD 998	28998004	
Q213	Transistor KTB 778	28778002	
Q214	Transistor KTC 3198 Y	08606104	
Q215-Q300	Not Used		
Q301	Transistor KTA 1268 GR	08126801	
Q302	Transistor KTC 3200 GR	08320003	
Q303	Transistor KTA 1268 GR	08126801	
Q304	Transistor KTC 3200 GR	08320003	
Q305	Transistor KTC 3200 GR	08320003	

ELECTRICAL PARTS LIST (For XA-5300)

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Transistors			
Q306	Transistor KTA 1268 GR	08126801	
Q307	Transistor BC 517	08517023	
Q308	Transistor KTC 2235 Y	28406120	
Q309	Transistor KTA 965 Y	28965001	
Q310	Transistor 2SD 600 E	28600504	
Q311	Transistor 2SB 631 E	28631502	
Q312	Transistor KTD 998	28998004	
Q313	Transistor KTB 778	28778002	
Q314	Transistor KTC 3198 Y	08606104	
Q315-Q400	Not Used		
Q401	Transistor KTA 1268 GR	08126801	
Q402	Transistor KTC 3200 GR	08320003	
Q403	Transistor KTA 1268 GR	08126801	
Q404	Transistor KTC 3200 GR	08320003	
Q405	Transistor KTA 3200 GR	08320003	
Q406	Transistor KTA 1268 GR	08126801	
Q407	Transistor BC 517	08517023	
Q408	Transistor KTC 2235 Y	28406120	
Q409	Transistor KTA 965 Y	28965001	
Q410	Transistor 2SD 600 E	28600504	
Q411	Transistor 2SB 631 E	28631502	
Q412	Transistor KTD 998	28998004	
Q413	Transistor KTB 778	28778002	
Q414	Transistor KTC 3198 Y	08606104	
Q415-Q500	Not Uesd		
Q501	Transistor KRA 103 M	08103001	
Q502	Transistor KTC 3198 Y	08606104	
Q503-Q600	Not Used		
Q601	Transistor KTA 1266 Y	08206105	
Q602	Transistor KTA 1266 Y	08206105	
Q603	Transistor KTA 1266 Y	08206105	
Q604	Transistor KTC 3198 Y	08606104	
Q605	Transistor KTC 3198 Y	08606104	
Q606	Transistor KTC 3198 Y	08606104	
SCR601	S.C.R. MCR100-6	09100067	
MOS FETS			
FET 601	Mos fet IRFIZ 34 G	28682002	
FET 602	Mos fet IRFIZ 34 G	28682002	
FET 603	Mos fet IRFIZ 34 G	28682002	
FET 604	Mos fet IRFIZ 34 G	28682002	
FET 605	Mos fet IRFIZ 34 G	28682002	
FET 606	Mos fet IRFIZ 34 G	28682002	
Diodes			
D101	Diode Switching 1N 4148	58522101	
D102	Diode Switching 1N 4148	58522101	
D103	Diode Switching 1N 4148	58522101	
D104	Diode Switching 1N 4148	58522101	
D105-D200	Not Used		
D201	Diode Switching 1N 4148	58522101	
D202	Diode Switching 1N 4148	58522101	
D203	Diode Switching 1N 4148	58522101	
D204	Diode Switching 1N 4148	58522101	

ELECTRICAL PARTS LIST (For XA-5300)

Ref. No.	Descriptions	SW Parts No.	MFR'S Parts No.
Diodes			
D205-D300	Not Used		
D301	Diode Switching 1N 4148	58522101	
D302	Diode Switching 1N 4148	58522101	
D303	Diode Switching 1N 4148	58522101	
D304	Diode Switching 1N 4148	58522101	
D305-D400	Not Used		
D401	Diode Switching 1N 4148	58522101	
D402	Diode Switching 1N 4148	58522101	
D403	Diode Switching 1N 4148	58522101	
D404	Diode Switching 1N 4148	58522101	
D501-D600	Not Used		
D601	Diode Switching 1N 4148	58522101	
D602	Diode Switching 1N 4148	58522101	
D603	Diode Switching 1N 4148	58522101	
D604	Diode Switching 1N 4148	58522101	
D605	Diode Silicon 1N 5402	58100136	
D606	Diode Switching 1N 5402	58100136	
D607 ⚠	Fast Recovery Diode NDF 020 N	58114200	
D608 ⚠	Fast Recovery Diode NDF 020 C	58103200	
D609	Diode Silicon 1N 4002	58400236	
D610	L.E.D. KLG 124 E	65124007	
D701	Diode Switching 1N 4148	58522101	
D702	Diode Switching 1N 4148	58522101	
D703	Diode Switching 1N 4148	58522101	
D704	Diode Switching 1N 4148	58522101	
D705	L.E.D. KLR 124 E	65124018	
ZD501	Diode Zener MTZ 10A (10V 0.5W)	58101504	
ZD502-ZD600	Not Used		
ZD601	Diode Zener UZP 39 B (39V 1W)	59392010	
ZD602	Diode Zener UZP 39 B (39V 1W)	59392010	
ZD603	Diode Zener MTZ 16 B (16V 0.5W)	58162504	
ZD604	Diode Zener MTZ 16 B (16V 0.5W)	58162504	
Switches			
SW101	Slide Switch DHS-2230	68223010	
SW102	Not Used		
SW103	Slide Switch SSSA 040	68104320	
SW104-SW300	Not Used		
SW301	Slide Switch DHS-2230	68223010	
SW302	Slide Switch SSSP 042	68604220	
SW303	Slide Switch SSSA 043	68104320	
SW304-SW600	Not Used		
SW601	Slide Switch DHS-2230	68223010	
Volumes			
VR101	Variable Resistor 142 RBH 0115 HB 50 K	48503346	
VR301	Variable Resistor 142 RBH 0115 HB 50 K	48503346	
Coils			
T601 ⚠	Toroid Ass'y T-49713	98497132	
L101	Spring Coil 1.5μH	48601550	
L201	Spring Coil 1.5μH	48601550	
L301	Spring Coil 1.5μH	48601550	
L401	Spring Coil 1.5μH	48601550	

ELECTRICAL PARTS LIST (For XA-5300)

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Coils			
L402-L600	Not Used		
L601	RFC - Coil 7T	48300700	
L602	Filter Coil 73μH	48502750	
L603	Filter Coil 73μH	48502750	
Thermistors			
TH501	Thermistor TH 150K ohm	38154002	
TH602	Thermistor (Lug)TH 150K ohm	38154001	
Capacitors			
C101	Electrolytic Capacitor 10μF/16V SMS	79100226	
C102	Electrolytic Capacitor 100μF/16V SMS	79101226	
C103	Electrolytic Capacitor 10μF/16V SMS	79100226	
C104	Electrolytic Capacitor 47μF/16V SMS	79470226	
C105-C106	Not Used		
C107	Electrolytic Capacitor (TBX) 10ρF/50V	19100935	
C108	Electrolytic Capacitor 10μF/16V SMS	79100226	
C109	Mylar Capacitor 0.068μF/100V	79683297	
C110	Not Used		
C111	Electrolytic Capacitor 220μF/16V SMS	79221226	
C112	Electrolytic Capacitor 220μF/16V SMS	79221226	
C113	Ceramic Capacitor (TBX) 220ρF/50V	19221935	
C114	Ceramic Capacitor (TBX) 100 ρF/50V	19101935	
C115	Ceramic Capacitor (TBX) 100ρF/50V	19101935	
C116	Mylar Capacitor 0.1μF/100V	79104297	
C117	Electrolytic Capactor 0.47μF/50V PB	79474226	
C118	Electrolytic Capacitor 100μF/16V SMS	79101226	
C119	Mylar Capacitor 0.1μF/100V	79104297	
C120-C129	Not Used		
C130	Electrolytic Capacitor 220μF/16V SMS	79221226	
C131	Electrolytic Capacitor 10μF/16V SMS	79100226	
C132	Ceramic Capacitor (TBX) 33ρF/50V	19330935	
C133-C170	Not Used		
C171	Mylar Capacitor 0.015μF/100V	79153297	
C172	Mylar Capacitor 0.03μF/100V	79333297	
C173-C200	Not Used		
C201	Electrolytic Capacitor 10μF/16V SMS	79100226	
C202	Electrolytic Capacitor 100μF/16V SMS	79101226	
C203	Electrolytic Capacitor 10μF/16V SMS	79100226	
C204	Electrolytic Capacitor 47μF/16V SMS	79470226	
C205-C206	Not Used		
C207	Ceramic Capacitor (TBX)10ρF/50V	19100935	
C208	Electrolytic Capacitor 10μF/16V SMS	79100226	
C209	Mylar Capacitor 0.068μF/100V	79683297	
C210	Not Used		
C211	Electrolytic Capacitor 220μF/16V SMS	79221226	
C212	Elecrtolytic Capacitor 220μF/16V SMS	79221226	
C213	Ceramic Capacitor (TBX) 220ρF/50V	19221935	
C214	Ceramic Capacitor (TBX) 100ρF/50V	19101935	
C215	Ceramic Capacitor (TBX) 100ρF/50V	19101935	
C216	Mylar Capacitor 0.1μF/100V	79104297	

ELECTRICAL PARTS LIST (For XA-5300)

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Capacitors			
C217	Electrolytic Capacitor 0.47μF/50V PB	79474226	
C218	Electrolytic Capacitor 100μF/16V SMS	79101226	
C219	Mylar Capacitor 0.1μF / 100V	79104297	
C220-C229	Not Used		
C230	Electrolytic Capacitor 220μF/16V SMS	79221226	
C231	Electrolytic Capacitor 10μF/16V SMS	79100226	
C232	Ceramic Capacitor (TBX) 33pF/50V	19330935	
C233-C270	Not Used		
C271	Mylar Capacitor 0.015μF/100V	79153297	
C272	Mylar Capacitor 0.033μF/100V	79333297	
C273-C300	Not Used		
C301	Electrolytic Capacitor 10μF/16V SMS	79100226	
C302	Electrolytic Capacitor 100μF/16V SMS	79101226	
C303	Electrolytic Capacitor 10μF/16V SMS	79100226	
C304	Electrolytic Capacitor 47μF/16V SMS	79470226	
C305	Electrolytic Capacitor 4.7μF/50V SMS	79475226	
C306	Mylar Capacitor 0.068μF/100V	79683297	
C307	Ceramic Capacitor (TBX) 10pF/50V	19100935	
C308	Electrolytic Capacitor 10μF/16V SMS	79100226	
C309	Metal Box/Cap 0.15μF/100V	79154297	
C310	Not Used		
C311	Electrolytic Capacitor 220μF/16V SMS	79221226	
C312	Electrolytic Capacitor 220μF/16V SMS	79221226	
C313	Ceramic Capacitor (TBX) 220pF/50V	19221935	
C314	Ceramic Capacitor (TBX) 100pF/50V	19101935	
C315	Ceramic Capacitor (TBX) 100pF/50V	19101935	
C316	Mylar Capacitor 0.1μF/100V	79104297	
C317	Ceramic Capacitor (TBX)100pF/50V	19101935	
C318	Electrolytic Capacitor 100μF/16V SMS	79101226	
C319	Mylar Capacitor 0.1μF/100V	79104297	
C320-C329	Not Used		
C330	Mylar Capacitor 0.047μF/100V	79473297	
C331	Electrolytic Capacitor 10μF/16V SMS	79100226	
C332	Ceramic Capacitor (TBX) 33pF/50V	19330935	
C333	Electrolytic Capacitor 220μF/16V SMS	79221226	
C334-C400	Not Used		
C401	Electrolytic Capacitor 10μF/16V SMS	79100226	
C402	Electrolytic Capacitor 100μF/16V SMS	79101226	
C403	Electrolytic Capacitor 10μF/16V SMS	79100226	
C404	Electrolytic Capacitor 47μF/50V SMS	79470226	
C405	Electrolytic Capacitor 4.7μF/50V SMS	79475226	
C406	Mylar Capacitor 0.068μF/100V	79683297	
C407	Ceramic Capacitor (TBX) 10pF/50V	19100935	
C408	Electrolytic Capacitor 10μF/16 SMS	79100226	
C409	Metal Box/Cap 0.15μF/100V	79154297	
C410	Not Used		
C411	Electrolytic Capacitor 220μF/16V SMS	79221226	
C412	Electrolytic Capacitor 220μF/16V SMS	79221226	
C413	Ceramic Capacitor (TBX) 220pF/50V	19221935	
C414	Ceramic Capacitor (TBX) 100pF/50V	19101935	
C415	Ceramic Capacitor (TBX) 100pF/50V	19101935	
C416	Mylar Capacitor 0.1μF/100V	79104297	

Ref.No.	Descriptions	SW Parts No.	MFR's Parts No.
Capacitors			
C417	Electrolytic Capacitor 0.47μF/50V PB	79474226	
C418	Electrolytic Capacitor 100μF/16V SMS	79101226	
C419	Mylar Capacitor 0.1μF/100V	79104297	
C420-C429	Not Used		
C430	Mylar Capacitor 0.047μF/100V	79473297	
C431	Electrolytic Capacitor 10μF/16V SMS	79100226	
C432	Ceramic Capacitor (TBX) 33pF/50V	19330935	
C433	Electrolytic Capacitor 220μF/16V SMS	79221226	
C434-C470	Not Used		
C471	Ceramic Capacitor (TBX) 100pF/50V	19101935	
C472-C500	Not Used		
C501	Mylar Capacitor 0.047μF/100V	79473297	
C502	Electrolytic Capacitor 1μF/50V SMS	79010226	
C503	Electrolytic Capacitor 47μF/16V SMS	79470226	
C504	Not Used		
C505	Mylar Capacitor 0.001μF/100V	79103297	
C506-C519	Not Used		
C520	Ceramic Capacitor (TBX) 0.022μF/50V	19223935	
C521-C529	Not Used		
C530	Mylar Capacitor 0.01μF/100V	79103297	
C531-C600	Not Used		
C601	Mylar Capacitor 0.01μF/100V	79103297	
C602	Mylar Capacitor 0.001μF/100V	79102297	
C603	Not Used		
C604	Electrolytic Capacitor 470μF/25V SMS	79471226	
C605	Mylar Capacitor 0.1μF/100V	79104297	
C606	Mylar Capacitor 0.039μF/100V	79392297	
C607	Electrolytic Capacitor 1000μF/25V SXE	79102226	
C608	Electrolytic Capacitor 1000μF/25V SXE	79102226	
C609	Electrolytic Capacitor 1000μF/25V SXE	79102226	
C610	Electrolytic Capacitor 3300μF/35V	79332226	
C611	Electrolytic Capacitor 3300μF/35V	79332226	
C612	Not Used		
C613	Electrolytic Capacitor 470μF/25V SMS	79471226	
C614	Not Used		
C615	Mylar Capacitor 0.1μF/100V	79104297	
C616	Electrolytic Capacitor 220μF/16V SMS	79221226	
C617	Electrolytic Capacitor 220μF/16V SMS	79221226	
C618-C629	Not Used		
C630	Electrolytic Capacitor 47μF/16V SMS	79470226	
C631	Electrolytic Capacitor 47μF/16V SMS	79470226	
C632-C649	Not Used		
C650	Electrolytic Capacitor 2200μF/35V	79222226	
C651	Electrolytic Capacitor 2200μF/35V	79222226	
C652	Not Used		
C653	Ceramic Capacitor (TBX) 0.1μF/50V	19104935	
C654	Ceramic Capacitor (TBX) 0.1μF/50V	19104935	
C655	Ceramic Capacitor (TBX) 0.1μF/50V	19104935	
C656	Ceramic Capacitor (TBX) 0.1μF/50V	19104935	
C657	Ceramic Capacitor (TBX) 0.1μF/50V	19104935	
C658	Electrolytic Capacitor 47μF/16V SMS	79470226	
C659-C700	Not Used		
C701	Electrolytic Capacitor 1μF/50V SMS	79010226	

ELECTRICAL PARTS LIST (For XA-5300)

Ref.No.	Descriptions	SW Parts No.	MFR's Parts No.
Resistors			
R101	Carbon Film Resistor 0.5W 100 ohm	29101470	
R102	Carbon Film Resistor 1/16W 56K ohm	69563970	
R103	Not Used		
R104	Carbon Film Resistor 1/16W 5.6K ohm	69560970	
R105	Not Used		
R106	Carbon Film Resistor 1/16W 22K ohm	69223970	
R107	Carbon Film Resistor 1/16W 100K ohm	69104970	
R111	Carbon Film Resistor 1/16W 15K ohm	69153970	
R112	Carbon Film Resistor 1/16W 10K ohm	69103970	
R113	Carbon Film Resistor 1/16W 10K ohm	69103970	
R114	Carbon Film Resistor 1/16W 1K ohm	69102970	
R115	Carbon Film Resistor 1/16W 10K ohm	69103970	
R116	Carbon Film Resistor 1/16W 10K ohm	69103970	
R117	Carbon Film Resistor 1/16W 10K ohm	69103970	
R118	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R119	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R120	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R121	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R122	Carbon Film Resistor 1/16W 100 ohm	69101970	
R123	Carbon Film Resistor 1/16W 100 ohm	69101970	
R124	Carbon Film Resistor 1/16W 100 ohm	69101970	
R125	Carbon Film Resistor 1/16W 100 ohm	69101970	
R126	Carbon Film Resistor 1/16W 47 ohm	69470970	
R127	Carbon Film Resistor 1/16W 47 ohm	69470970	
R128	Carbon Film Resistor 1/16W 33K ohm	69333970	
R129	Carbon Film Resistor 1/16W 33K ohm	69333970	
R130	Carbon Film Resistor 1/16W 1.5K ohm	69152970	
R131	Carbon Film Resistor 1/16W 3.3K ohm	69332970	
R132	Carbon Film Resistor 1/16W 47 ohm	69470970	
R133	Carbon Film Resistor 1/16W 47 ohm	69470970	
R134	Carbon Film Resistor 1/16W 680 ohm	69681970	
R135	Carbon Film Resistor 1/16W 390 ohm	69391970	
R136	Carbon Film Resistor 1/16W 390 ohm	69391970	
R137	Carbon Film Resistor 0.5W 390 ohm	29391470	
R138	Cement Resistor 5W 0.22 ohm	29227789	
R139	Not Used		
R140	Carbon Film Resistor 1/16W 750 ohm	69751970	
R141	Carbon Film Resistor 1/16W 750 ohm	69751970	
R142	Carbon Film Resistor 1/16W 560 ohm	69561970	
R143	Carbon Film Resistor 1/16W 15K ohm	69153970	
R144	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R145	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R146	Metal Oxide Resistor 1W 10 ohm	19100570	
R147	Carbon Film Resistor 1/16W 1K ohm	69102970	
R148	Carbon Film Resistor 1/16W 1K ohm	69102970	
R149	Carbon Film Resistor 1/16W 10K ohm	69103970	
R150	Carbon Film Resistor 1W 10 ohm	19100570	
R151-R159	Not Used		
R160	Carbon Film Resistor 0.5W 82 ohm	29820470	
R161	Carbon Film Resistor 0.5W 18 ohm	29180470	
R162	Carbon Film Resistor 1/16W 15K ohm	69153970	
R163-R164	Not Used		
R165	Carbon Film Resistor 1/16W 22K ohm	69223970	
R166-R169	Not Used		
R170	Carbon Film Resistor 1/16W 10K ohm	69103970	
R171	Not Used		
R172	Carbon Film Resistor 1/16W 47K ohm	69473970	

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Resistors			
R173-R200	Not Used		
R201	Carbon Film Resistor 0.5W 100 ohm	29101470	
R202	Carbon Film Resistor 1/16W 56K ohm	69563970	
R203	Not Used		
R204	Carbon Film Resistor 1/16W 5.6K ohm	69562970	
R205	Not Used		
R206	Carbon Film Resistor 1/16W 22K ohm	69223970	
R207-R209	Not Used		
R210	Carbon Film Resistor 1/16W 100K ohm	69104970	
R211	Carbon Film Resistor 1/16W 15K ohm	69153970	
R212-R213	Not Used		
R214	Carbon Film Resistor 1/16W 1K ohm	69102970	
R215	Carbon Film Resistor 1/16W 10K ohm	69103970	
R216	Carbon Film Resistor 1/16W 10K ohm	69103970	
R217	Carbon Film Resistor 1/16W 10K ohm	69103970	
R218	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R219	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R220	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R221	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R222	Carbon Film Resistor 1/16W 100 ohm	69101970	
R223	Carbon Film Resistor 1/16W 100 ohm	69101970	
R224	Carbon Film Resistor 1/16W 100 ohm	69101970	
R225	Carbon Film Resistor 1/16W 100 ohm	69101970	
R226	Carbon Film Resistor 1/16W 47 ohm	69470970	
R227	Carbon Film Resistor 1/16W 47 ohm	69470970	
R228	Carbon Film Resistor 1/16W 33K ohm	69333970	
R229	Carbon Film Resistor 1/16W 33K ohm	69333970	
R230	Carbon Film Resistor 1/16W 1.5K ohm	69152970	
R231	Carbon Film Resistor 1/16W 3.3K ohm	69332970	
R232	Carbon Film Resistor 1/16W 47 ohm	69470970	
R233	Carbon Film Resistor 1/16W 47 ohm	69470970	
R234	Carbon Film Resistor 1/16W 680 ohm	69681970	
R235	Carbon Film Resistor 1/16W 390 ohm	69391970	
R236	Carbon Film Resistor 1/16W 390 ohm	69391970	
R237	Carbon Film Resistor 0.5W 390 ohm	29391470	
R238	Cement Resistor 5W 0.22 ohm	59227789	
R239	Not Used		
R240	Carbon Film Resistor 1/16W 750 ohm	69751970	
R241	Carbon Film Resistor 1/16W 750 ohm	69751970	
R242	Carbon Film Resistor 1/16W 560 ohm	69561970	
R243	Carbon Film Resistor 1/16W 15K ohm	69153970	
R244	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R245	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R246	Carbon Film Resistor 1W 10 ohm	19100570	
R247	Carbon Film Resistor 1/16W 1K ohm	69102970	
R248	Carbon Film Resistor 1/16W 1K ohm	69102970	
R249	Carbon Film Resistor 1/16W 10K ohm	69103970	
R250	Metal Oxide Resistor 1W 10 ohm	19100570	
R151-R159	Not Used		
R260	Carbon Film Resistor 0.5W 82 ohm	29820470	
R261	Carbon Film Resistor 0.5W 18 ohm	29180470	
R262	Carbon Film Resistor 1/16W 15K ohm	69153970	
R263-R164	Not Used		
R265	Carbon Film Resistor 1/16W 22K ohm	69223970	
R266-R269	Not Used		
R270	Carbon Film Resistor 1/16W 1K ohm	69103970	
R271	Not Used		

ELECTRICAL PARTS LIST (For XA-5300)

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Resistors			
R272	Carbon Film Resistor 1/16W 47K ohm	69473970	
R273-R300	Not Used		
R301	Carbon Film Resistor 0.5W 100 ohm	29101470	
R302	Carbon Film Resistor 1/16W 56K ohm	69563970	
R303	Not Used		
R304	Carbon Film Resistor 1/16W 5.6K ohm	69562970	
R305	Not Used		
R306	Carbon Film Resistor 1/16W 22K ohm	69223970	
R307	Carbon Film Resistor 1/16W 4.7K ohm	69472970	
R308	Carbon Film Resistor 1/16W 100 ohm	69104970	
R309	Carbon Film Resistor 1/16W 390 ohm	69391970	
R310	Carbon Film Resistor 1/16W 100K ohm	69104970	
R311	Carbon Film Resistor 1/16W 15K ohm	69153970	
R312	Carbon Film Resistor 1/16W 10K ohm	69103970	
R313	Carbon Film Resistor 1/16W 10K ohm	69103970	
R314	Carbon Film Resistor 1/16W 1K ohm	69102970	
R315	Carbon Film Resistor 1/16W 10K ohm	69103970	
R316	Carbon Film Resistor 1/16W 10K ohm	69103970	
R317	Carbon Film Resistor 1/16W 10K ohm	69103970	
R318	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R319	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R320	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R321	Carbon Film Resistor 1/16W 6.8K ohm	69561970	
R322	Carbon Film Resistor 1/16W 100 ohm	69101970	
R323	Carbon Film Resistor 1/16W 100 ohm	69101970	
R324	Carbon Film Resistor 1/16W 100 ohm	69101970	
R325	Carbon Film Resistor 1/16W 100 ohm	69101970	
R326	Carbon Film Resistor 1/16W 47 ohm	69470970	
R327	Carbon Film Resistor 1/16W 47 ohm	69470970	
R328	Carbon Film Resistor 1/16W 33K ohm	69333970	
R329	Carbon Film Resistor 1/16W 33K ohm	69333970	
R330	Carbon Film Resistor 1/16W 1.5K ohm	69152970	
R331	Carbon Film Resistor 1/16W 3.3K ohm	69333970	
R332	Carbon Film Resistor 1/16W 47 ohm	69470970	
R333	Carbon Film Resistor 1/16W 47 ohm	69470970	
R334	Carbon Film Resistor 1/16W 680 ohm	69681970	
R335	Carbon Film Resistor 1/16W 390 ohm	69391970	
R336	Carbon Film Resistor 1/16W 390 ohm	69391970	
R337	Carbon Film Resistor 0.5W 390 ohm	29391470	
R338	Cement Resistor 5 W 0.22 ohm	59227789	
R339	Not Used		
R340	Carbon Film Resistor 1/16W 750 ohm	69751970	
R341	Carbon Film Resistor 1/16W 750 ohm	69751970	
R342	Carbon Film Resistor 1/16W 560 ohm	69561970	
R343	Carbon Film Resistor 1/16W 15K ohm	69153970	
R344	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R345	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R346	Carbon Film Resistor 1W 10 ohm	69100570	
R347	Carbon Film Resistor 1/16W 1K ohm	69102970	
R348	Carbon Film Resistor 1/16W 1K ohm	69102970	
R349	Carbon Film Resistor 1/16W 10K ohm	69103970	
R350	Metal Oxide Resistor 1W 10 ohm	19100570	
R351-R359	Not Used		
R360	Carbon Film Resistor 0.5W 82 ohm	29820470	
R361	Carbon Film Resistor 0.5W 18 ohm	29180470	
R362	Carbon Film Resistor 1/16W 47K ohm	69473970	
R363	Carbon Film Resistor 1/16W 15K ohm	69153970	

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Resistors			
R364	Carbon Film Resistor 1/16W 10K ohm	69103970	
R365	Carbon Film Resistor 1/16W 22K ohm	69223970	
R366-R367	Not Used		
R368	Carbon Film Resistor 1/16W 22K ohm	69223970	
R369	Not Used		
R370	Carbon Film Resistor 1/16W 10K ohm	69103970	
R371	Carbon Film Resistor 1/16W 1M ohm	69105970	
R372-R400	Not Used		
R401	Carbon Film Resistor 0.5W 100 ohm	29101470	
R402	Carbon Film Resistor 1/16W 56K ohm	69563970	
R403	Not Used		
R404	Carbon Film Resistor 1/16W 5.6k ohm	69562970	
R405	Not Used		
R406	Carbon Film Resistor 1/16W 22K ohm	69223970	
R407	Carbon Film Resistor 1/16W 4.7K ohm	69472970	
R408	Carbon Film Resistor 1/16W 100K ohm	69104970	
R409	Carbon Film Resistor 1/16W 390 ohm	69391970	
R410	Carbon Film Resistor 1/16W 100K ohm	69104970	
R411	Carbon Film Resistor 1/16W 15K ohm	69153970	
R412-R413	Not Used		
R414	Carbon Film Resistor 1/16W 1K ohm	69102970	
R415	Carbon Film Resistor 1/16W 10K ohm	69103970	
R416	Carbon Film Resistor 1/16W 10K ohm	69103970	
R417	Carbon Film Resistor 1/16W 10K ohm	69103970	
R418	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R419	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R420	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R421	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R422	Carbon Film Resistor 1/16W 100 ohm	69101970	
R423	Carbon Film Resistor 1/16W 100 ohm	69101970	
R424	Carbon Film Resistor 1/16W 100 ohm	69101970	
R425	Carbon Film Resistor 1/16W 100 ohm	69101970	
R426	Carbon Film Resistor 1/16W 47 ohm	69470970	
R427	Carbon Film Resistor 1/16W 47 ohm	69470970	
R428	Carbon Film Resistor 1/16W 33K ohm	69333970	
R429	Carbon Film Resistor 1/16W 33K ohm	69333970	
R430	Carbon Film Resistor 1/16W 1.5K ohm	69152970	
R431	Carbon Film Resistor 1/16W 3.3K ohm	69332970	
R432	Carbon Film Resistor 1/16W 47 ohm	69470970	
R433	Carbon Film Resistor 1/16W 47 ohm	69470970	
R434	Carbon Film Resistor 1/16W 680 ohm	69681970	
R435	Carbon Film Resistor 1/16W 390 ohm	69391970	
R436	Carbon Film Resistor 1/16W 390 ohm	69391970	
R437	Carbon Film Resistor 0.5W 390 ohm	29391470	
R438	Cement Resistor 5W 0.22 ohm	59227789	
R439	Not Used		
R440	Carbon Film Resistor 1/16W 750 ohm	69751970	
R441	Carbon Film Resistor 1/16W 750 ohm	69751970	
R442	Carbon Film Resistor 1/16W 560 ohm	69561970	
R443	Carbon Film Resistor 1/16W 15K ohm	69153970	
R444	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R445	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R446	Carbon Film Resistor 1W 10 ohm	19100570	
R447	Carbon Film Resistor 1/16W 1K ohm	69102970	
R448	Carbon Film Resistor 1/16W 1K ohm	69102970	
R449	Carbon Film Resistor 1/16W 10K ohm	69103970	
R450	Metal Oxide Resistor 1W 10 ohm	19100570	

ELECTRICAL PARTS LIST (For XA-5300)

Ref.No.	Descriptions	SW Parts No.	MFR's Parts No.
Resistors			
R451-R459	Not Used		
R460	Carbon Film Resistor 0.5W 82 ohm	29820470	
R461	Carbon Film Resistor 0.5W 18 ohm	29180470	
R462	Carbon Film Resistor 1/16W 47K ohm	69473970	
R463	Carbon Film Resistor 1/16W 15K ohm	69153970	
R464	Carbon Film Resistor 1/16W 10K ohm	69103970	
R465	Carbon Film Resistor 1/16W 22K ohm	69223970	
R466-R467	Not Used		
R468	Carbon Film Resistor 1/16W 22K ohm	69223970	
R469	Not Used		
R470	Carbon Film Resistor 1/16W 10K ohm	69103970	
R471	Carbon Film Resistor 1/16W 1M ohm	69105970	
R472-R500	Not Used		
R501	Carbon Film Resistor 1/16W 15K ohm	69153970	
R502	Carbon Film Resistor 1/16W 47K ohm	69473970	
R503-R-508	Not Used		
R509	Carbon Film Resistor 1/16W 1K ohm	69102970	
R510	Carbon Film Resistor 1/16W 330 ohm	69331970	
R511-R513	Not Used		
R514	Carbon Film Resistor 1/16W 10K ohm	69103970	
R515	Carbon Film Resistor 1/16W 10K ohm	69103970	
R516-R519	Not Used		
R520	Carbon Film Resistor 1/16W 10K ohm	69103970	
R521-R600	Not Used		
R601	Carbon Film Resistor 1/16W 10K ohm	69103970	
R602	Carbon Film Resistor 1/16W 10K ohm	69103970	
R603	Carbon Film Resistor 1/16W 1K ohm	69102970	
R604	Carbon Film Resistor 1/16W 820 ohm	69821970	
R605	Not Used		
R606	Carbon Film Resistor 1/16W 10K ohm	69103970	
R607	Carbon Film Resistor 1/16W 47K ohm	69473970	
R608	Carbon Film Resistor 1/16W 47K ohm	69473970	
R609	Carbon Film Resistor 1/16W 5.6K ohm	69562970	
R610	Carbon Film Resistor 1/16W 4.7K ohm	69472970	
R611	Carbon Film Resistor 1/16W 5.6K ohm	69562970	
R612	Carbon Film Resistor 1/16W 10K ohm	69103970	
R613	Carbon Film Resistor 1/16W 220 ohm	69221970	
R614	Carbon Film Resistor 1/16W 220 ohm	69221970	
R615-R616	Not Used		
R617	Carbon Film Resistor 1/16W 100 ohm	69101970	
R618	Carbon Film Resistor 1/16W 100 ohm	69101970	
R619	Carbon Film Resistor 1/4W 330 ohm	49331270	
R620	Carbon Film Resistor 1/4W 330 ohm	69331270	
R621	Carbon Film Resistor 1/4W 330 ohm	69331270	
R622	Carbon Film Resistor 1/4W 330 ohm	49331270	
R623	Carbon Film Resistor 1/4W 330 ohm	69331270	
R624	Carbon Film Resistor 1/4W 330 ohm	69331270	
R625	Not Used		
R626	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R627	Metal Oxide Resistor 2W 10 ohm	20100470	
R628	Carbon Film Resistor 1/16W 1K ohm	69102970	
R629	Metal Oxide Resistor 1W 330 ohm	19331570	
R630	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R631	Metal Oxide Resistor 2W 10 ohm	20100470	
R632-R634	Not Used		
R635	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R626-R639	Not Used		

ELECTRICAL PARTS LIST (For XA-5300)

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Resistors			
R640	Carbon Film Resistor 1/16W 10 ohm	69100970	
R641	Not Used		
R642	Carbon Film Resistor 1/16W 10K ohm	69103970	
R643	Carbon Film Resistor 1/16W 10K ohm	69103970	
R644-R700	Not Used		
R701	Carbon Film Resistor 1/16W 100K ohm	69104970	
R702	Carbon Film Resistor 1/16W 100K ohm	69104970	
R703	Carbon Film Resistor 1/16W 100K ohm	69104970	
R704	Carbon Film Resistor 1/16W 100K ohm	69104970	
R705	Carbon Film Resistor 1/16W 10K ohm	69103970	
R706	Not Used		
R707	Carbon Film Resistor 1/16W 10K ohm	69103970	
R708	Carbon Film Resistor 1/16W 47K ohm	69473970	
R709	Carbon Film Resistor 1/16W 10K ohm	69103970	
R710	Carbon Film Resistor 1/16W 1K ohm	69102970	
Jacks			
RCA101	RCA Jack JI0200510G	38105810	
RCA102-RCA300	Not Used		
RCA301	RCA Jcak JI0200510G	38105810	
Miscellaneous			
	Wafer 5267-07A	28507710	
	Wafer 5267-03A	28503710	
	Wafer 5281-04A	28525800	
	Auto Fuse Holder HO-448	08448115	
	Screw Terminal Gold-8P	03028810	
	Screw Terminal Gold-3P	03023810	
	Main P.C.B. SRP-4030C 03	04318810	

MECHANICAL PARTS LIST (For XA-5300)

Ref No.	Items	Descriptions	Q'ty	SW Parts No.	MFR's Parts No.
1	Main Heat Sink	300/280/50mm(W/D/H)	1	101002	
2	Bottom Cover	350/230/1.0Tmm(W/D/H)	1	102002	
3	Front Panel	250x38x1.0T	1	103002	
4	Rear Panel	250x38x1.0T	1	103003	
5	T.R Bracket (A)	15x35x1.2T	5	201001	
6	T.R Bracket (B)	15x44x1.2T	2	201001	
7	T.R Bracket (C)	15x35x1.2T	1	201001	
8	Screw	PH 2 +3x5 White	6	301006	
9	Screw	BH + M4x5 White	4	301001	
10	Screw	BHT 3 + 3x8 White	4	301001	
11	Screw	BHT 2 + 3X8 White	6	301001	
12	Screw	PHT 2 + 2X5 Black	2	301002	
13	Screw	PHT 2 + 3x10 Black	8	301008	
14	Screw	BHT 3 + 3x11 White	1	311001	
15	Screw	PH+ M3x5 Black	8	301001	
16	P.C.B. Post (A)	6x15xM3 (Brass)	4	401001	
17	P.C.B. Post (B)	6x11xM3 (Brass)	4	401001	
18	Flat Washer (Nature)	ϕ 3.2 White	4	501001	
19	Star Washer (Nature)	ϕ 3.2 White	1	512001	
20	Fiber	250x35x0.3T	1	601001	
21	Rubber	10x10x5T	4	701003	
22	Felt	285x75	2	701002	
23	Cushion	ϕ4.0Xϕ8.0X2.0T	4	801001	
24	Cushion	40X60X13.5T	1	801031	
25	Main P.C.Board	250x220x1.6T	1	901001	
26	Front P.C.Board	250x50x1.6T	1	901002	
27	Rear P.C.Board	250x50x1.6T	1	901003	
28	Screw	BHT3 + 3x6 Black	1	301002	
29	Rubber	5x15x6.0T	1	110001	
30	L.E.D.	Red	1	111001	
31	L.E.D.	Green	1	111002	
		Miscellaneous Kits			
32	Operation Manual (1° Color).		1	A-0001	common for XA-5400
33	Gift Box (2° Color UV Coating)		1	A-0002	
34	Snow Box.		1	A-0003	common for XA-5400
35	Warranty Card.		1	A-0004	common for all items
36	UPC Lable		1	A-0005	
37	Model Label		1	A-0006	
38	Poly Bag.		1	A-0007	common for XA-5400
39	Hi Level Connector (BL/BL-BK/VI-BKVI)		1	A-0008	common for all items
40	Hi Level Connector (GR/GR-BK/BR-BK/BK)		1	A-0009	
41	Cleaning Cloth.		1	A-0010	common for All items

ELECTRICAL PARTS LIST (For XA-5400)

Caution: Indicated with a ⚠ in the schematic diagram and the parts list are designated components which have special important safety features and should be replaced only with types identical to those in the original circuit or specified in the parts list. Before replacing any of these components, read carefully the SAFETY NOTICE on page 2 in this manual.Do not degrade the safety of the unit through improper

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Integrated Circuits			
IC101	Integrated Circuit UPC 4570	68013116	
IC102	Not Used		
IC103	Integrated Circuit UPC 4570	68013116	
IC104	Integrated Circuit UPC 4570	68013116	
IC105-IC300	Not Used		
IC301	Integrated Circuit UPC 4570	68013116	
IC302-C303	Not Used		
IC304	Integrated Circuit UPC 4570	68013116	
IC305-IC600	Not Used		
IC601	Integrated Circuit TL 494 CN	38013118	
IC602-IC700	Not Used		
IC701	Integrated Circuit KIA 393 S	68000114	
IC702	Integrated Circuit KIA 393 S	68000114	
Transistors			
Q101	Transistor KTA 1268 GR	08126801	
Q102	Transistor KTC 3200 GR	08320003	
Q103	Transistor KTA 1268 GR	08126801	
Q104	Transistor KTC 3200 GR	08320003	
Q105	Transistor KTC 3200 GR	08320003	
Q106	Transistor KTA 1268 GR	08126801	
Q107	Transistor BC 517	08517023	
Q108	Transistor KTC 2235 Y	28406120	
Q109	Transistor KTA 965 Y	28965001	
Q110	Transistor 2SD 600 E	28600504	
Q111	Transistor 2SB 631E	28631502	
Q112	Transistor KTD 998	28998004	
Q113	Transistor KTB 778	28778002	
Q114	Transistor KTC 3198 Y	08606104	
Q115-Q200	Not Used		
Q201	Transistor KTA 1268 GR	08126801	
Q202	Transistor KTC 3200 GR	08320003	
Q203	Transistor KTA 1268 GR	08126801	
Q204	Transistor KTC 3200 GR	08320003	
Q205	Transistor KTC 3200 GR	08320003	
Q206	Transistor KTA 1268 GR	08126801	
Q207	Transistor BC 517	08517023	
Q208	Transistor KTC 2235 Y	28406120	
Q209	Transistor KTA 965 Y	28965001	
Q210	Transistor 2SD 600 E	28600504	
Q211	Transistor 2SB 631E	28631502	
Q212	Transistor KTD 998	28998004	
Q213	Transistor KTB 778	28778002	
Q214	Transistor KTC 3198 Y	08606104	
Q215-Q300	Not Used		
Q301	Transistor KTA 1268 GR	08126801	
Q302	Transistor KTC 3200 GR	08320003	
Q303	Transistor KTA 1268 GR	08126801	
Q304	Transistor KTC 3200 GR	08320003	
Q305	Transistor KTC 3200 GR	08320003	

ELECTRICAL PARTS LIST (For XA-5400)

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Transistors			
Q306	Transistor KTA 1268 GR	08126801	
Q307	Transistor BC 517	08517023	
Q308	Transistor KTC 2235 Y	28406120	
Q309	Transistor KTA 965 Y	28965001	
Q310	Transistor 2SD 600 E	28600504	
Q311	Transistor 2SB 631 E	28631502	
Q312	Transistor KTD 998	28998004	
Q313	Transistor KTB 778	28778002	
Q314	Transistor KTC 3198 Y	08606104	
Q315-Q400	Not Used		
Q401	Transistor KTA 1268 GR	08126801	
Q402	Transistor KTC 3200 GR	08320003	
Q403	Transistor KTA 1268 GR	08126801	
Q404	Transistor KTC 3200 GR	08320003	
Q405	Transistor KTA 3200 GR	08320003	
Q406	Transistor KTA 1268 GR	08126801	
Q407	Transistor BC 517	08517023	
Q408	Transistor KTC 2235 Y	28406120	
Q409	Transistor KTA 965 Y	28965001	
Q410	Transistor 2SD 600 E	28600504	
Q411	Transistor 2SB 631 E	28631502	
Q412	Transistor KTD 998	28998004	
Q413	Transistor KTB 778	28778002	
Q414	Transistor KTC 3198 Y	08606104	
Q415-Q500	Not Uesd		
Q501	Transistor KRA 103 M	08103001	
Q502	Transistor KTA 1266 Y	08206105	
Q503-Q600	Not Used		
Q601	Transistor KTA 1266 Y	08206105	
Q602	Transistor KTA 1266 Y	08206105	
Q603	Transistor KTA 1266 Y	08206105	
Q604	Transistor KTC 3198 Y	08606104	
Q605	Transistor KTC 3198 Y	08606104	
Q606	Transistor KTC 3198 Y	08606104	
Q701	Transistor KTA 965 Y	28965001	
SCR601	S.C.R. MCR100-6	09100067	
MOS FETS			
FET 601	Mos fet IRFIZ 34 G	28682002	
FET 602	Mos fet IRFIZ 34 G	28682002	
FET 603	Mos fet IRFIZ 34 G	28682002	
FET 604	Mos fet IRFIZ 34 G	28682002	
FET 605	Mos fet IRFIZ 34 G	28682002	
FET 606	Mos fet IRFIZ 34 G	28682002	
FET 607	Mos fet IRFIZ 34 G	28682002	
FET 608	Mos fet IRFIZ 34 G	28682002	
FET 609	Mos fet IRFIZ 34 G	28682002	
FET 610	Mos fet IRFIZ 34 G	28682002	
Diodes			
D101	Diode Switching 1N 4148	58522101	
D102	Diode Switching 1N 4148	58522101	
D103	Diode Switching 1N 4148	58522101	
D104	Diode Switching 1N 4148	58522101	

ELECTRICAL PARTS LIST (For XA-5400)

Ref. No.	Descriptions	SW Parts No.	MFR'S Parts No.
Diodes			
D105-D200	Not Used		
D201	Diode Switching 1N 4148	58522101	
D202	Diode Switching 1N 4148	58522101	
D203	Diode Switching 1N 4148	58522101	
D204	Diode Switching 1N 4148	58522101	
D205-D300	Not Used		
D301	Diode Switching 1N 4148	58522101	
D302	Diode Switching 1N 4148	58522101	
D303	Diode Switching 1N 4148	58522101	
D304	Diode Switching 1N 4148	58522101	
D305-D400	Not Used		
D401	Diode Switching 1N 4148	58522101	
D402	Diode Switching 1N 4148	58522101	
D403	Diode Switching 1N 4148	58522101	
D404	Diode Switching 1N 4148	58522101	
D405-D500	Not Used		
D501	Diode Silicon 1N 4148	58522101	
D502-D600	Not Used		
D601	Diode Silicon 1N 4148	58522101	
D602-D603	Not Used		
D604	Diode Switching 1N 4148	58522101	
D605	Diode Silicon 1N 5402	58100136	
D606	Diode Silicon 1N 5402	58100136	
D607 ⚠	Fast Recovery Diode NDF 020 N	58114200	
D608 ⚠	Fast Recovery Diode NDF 020 C	58103200	
D609	Diode Silicon 1N 4002	58400236	
D610	L.E.D. KLG 124 E	65124007	
D611-D700	Not Used		
D701	Diode Switching 1N 4148	58522101	
D702	Diode Switching 1N 4148	58522101	
D703	Diode Switching 1N 4148	58522101	
D704	Diode Switching 1N 4148	58522101	
D705	L.E.D. KLR 124 E	65124018	
D706-ZD500	Not Used		
ZD501	Diode Zener MTZ 10A (10V 0.5W)	58101504	
ZD502-ZD600	Not Used		
ZD601	Diode Zener UZP 39 B (39V 1W)	59392010	
ZD602	Diode Zener UZP 39 B (39V 1W)	59392010	
ZD603	Diode Zener MTZ 16 B (16V 0.5W)	59162504	
ZD604	Diode Zener MTZ 16 B (16V 0.5W)	59162504	
Switches			
SW101	Slide Switch DHS-2230	68223010	
SW102	Not Used		
SW103	Slide Switch SSSA 040	68104320	
SW104-SW300	Not Used		
SW301	Slide Switch DHS-2230	68223010	
SW302	Slide Switch SSSP 042	68604220	
SW303	Slide Switch SSSA 043	68104320	
SW304-SW600	Not Used		
SW601	Slide Switch DHS-2230	68223010	
Volumes			
VR101	Variable Resistor 142 RBH 0115 HB 50 K	48503346	
VR301	Variable Resistor 142 RBH 0115 HB 50 K	48503346	

ELECTRICAL PARTS LIST (For XA-5400)

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Coils			
T601 ⚠	Toroid Ass'y T-49718	98497182	
L101	Spring Coil 1.5μF	48601550	
L201	Spring Coil 1.5μF	48601550	
L301	Spring Coil 1.5μF	48601550	
L401	Spring Coil 1.5μF	48601550	
L601	RFC-Coil 7T	48300700	
L602	Filter Coil 73μH	48507300	
L603	Filter Coil 73μH	48507300	
Thermistors			
TH501	Thermistor TH 150K ohm	38154002	
TH602	Thermistor (Lug)TH 150K ohm	38154001	
TH701	Thermistor TH 150K ohm	38154002	
Capacitors			
C101	Electrolytic Capacitor 10μF/16V SMS	79100226	
C102	Electrolytic Capacitor 100μF/16V SMS	79101226	
C103	Electrolytic Capacitor 10μF/16V SMS	79100226	
C104	Electrolytic Capacitor 47μF/16V SMS	79470226	
C105-C106	Not Used		
C107	Ceramic Capacitor (TBX) 10ρF/50V	19100935	
C108	Electrolytic Capacitor 10μF/16V SMS	79100226	
C109	Mylar Capacitor 0.068μF/100V	79683297	
C110	Not Used		
C111	Electrolytic Capacitor 220μF/16V SMS	79221226	
C112	Electrolytic Capacitor 220μF/16V SMS	79221226	
C113	Ceramic Capacitor (TBX) 220ρF/50V	19221935	
C114	Ceramic Capacitor (TBX) 100 ρF/50V	19101935	
C115	Ceramic Capacitor (TBX) 100ρF/50V	19101935	
C116	Mylar Capacitor 0.1μF/100V	79104297	
C117	Electrolytic Capactor 0.47μF/50V PB	79474226	
C118	Electrolytic Capacitor 100μF/16V SMS	79101226	
C119	Mylar Capacitor 0.1μF/100V	79104297	
C120-C129	Not Used		
C130	Electrolytic Capacitor 220μF/16V SMS	79221226	
C131	Electrolytic Capacitor 10μF/16V SMS	79100226	
C132	Ceramic Capacitor (TBX) 33ρF/50V	19330935	
C133-C170	Not Used		
C171	Mylar Capacitor 0.015μF/100V	79153297	
C172	Mylar Capacitor 0.033μF/100V	79333297	
C173-C200	Not Used		
C201	Electrolytic Capacitor 10μF/16V SMS	79100226	
C202	Electrolytic Capacitor 100μF/16V SMS	79101226	
C203	Electrolytic Capacitor 10μF/16V SMS	79100226	
C204	Electrolytic Capacitor 47μF/16V SMS	79470226	
C205-C206	Not Used		
C207	Ceramic Capacitor (TBX)10ρF/50V	19100935	
C208	Electrolytic Capacitor 10μF/16V SMS	79100226	
C209	Mylar Capacitor 0.068μF/100V	79683297	
C210	Not Used		
C211	Electrolytic Capacitor 220μF/16V SMS	79221226	

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Capacitors			
C212	Electrolytic Capacitor 220μF/16V SMS	79221226	
C213	Ceramic Capacitor (TBX) 220ρF/50V	19221935	
C214	Ceramic Capacitor (TBX) 100ρF/50V	19101935	
C215	Ceramic Capacitor (TBX) 100ρF/50V	19101935	
C216	Mylar Capacitor 0.1μF/100V	79104297	
C217	Electrolytic Capacitor 0.47μF/50V PB	79474226	
C218	Electrolytic Capacitor 100μF/16V SMS	79101226	
C219	Mylar Capacitor 0.1μF/100V	79104297	
C220-C229	Not Used		
C230	Electrolytic Capacitor 220μF/16V SMS	79221226	
C231	Electrolytic Capacitor 10μF/16V SMS	79100226	
C232	Ceramic Capacitor (TBX) 33ρF/50V	19330935	
C233-C270	Not Used		
C271	Mylar Capacitor 0.015μF/100V	79153297	
C272	Mylar Capacitor 0.033μF/100V	79333297	
C273-C300	Not Used		
C301	Electrolytic Capacitor 10μF/16V SMS	79100226	
C302	Electrolytic Capacitor 100μF/16V SMS	79101226	
C303	Electrolytic Capacitor 10μF/16V SMS	79100226	
C304	Electrolytic Capacitor 47μF/16V SMS	79470226	
C305	Electrolytic Capacitor 4.7μF/50V SMS	79475226	
C306	Mylar Capacitor 0.068μF/100V	79683297	
C307	Ceramic Capacitor (TBX) 10ρF/50V	19100935	
C308	Electrolytic Capacitor 10μF/16V SMS	79100226	
C309	Metal Box/Cap 0.15μF/100V	79154297	
C310	Not Used		
C311	Electrolytic Capacitor 220μF/16V SMS	79221226	
C312	Electrolytic Capacitor 220μF/16V SMS	79221226	
C313	Ceramic Capacitor (TBX) 220ρF/50V	19221935	
C314	Ceramic Capacitor (TBX) 100ρF/50V	19101935	
C315	Ceramic Capacitor (TBX) 100ρF/50V	19101935	
C316	Mylar Capacitor 0.1μF/100V	79104297	
C317	Electrolytic Capacitor 0.47ρF/50V PB	79474226	
C318	Electrolytic Capacitor 100μF/16V SMS	79101226	
C319	Mylar Capacitor 0.1μF/100V	79104297	
C320-C329	Not Used		
C330	Electrolytic Capacitor 220F/16V SMS	79221226	
C330	Mylar Capacitor 0.047μF/100V	79473297	
C331	Electrolytic Capacitor 10μF/16V SMS	79100226	
C332	Ceramic Capacitor (TBX) 33ρF/50V	19330935	
C-333-C370	Not Used		
C371	Ceramic Capacitor (TBX) 100ρF/50V	19101935	
C372-C400	Not Used		
C401	Electrolytic Capacitor 10μF/16V SMS	79100226	
C402	Electrolytic Capacitor 100μF/16V SMS	79101226	
C403	Electrolytic Capacitor 10μF/16V SMS	79100226	
C404	Electrolytic Capacitor 47μF/16V SMS	79470226	
C405	Electrolytic Capacitor 4.7μF/50V SMS	79475226	
C406	Mylar Capacitor 0.068μF/100V	79683297	
C407	Ceramic Capacitor (TBX) 10ρF/50V	19100935	
C408	Electrolytic Capacitor 10μF/16 SMS	79100226	
C409	Metal Box/Cap 0.15μF/100V	79154297	

Ref.No.	Descriptions	SW Parts No.	MFR's Parts No.
Capacitors			
C410	Not Used		
C411	Electrolytic Capacitor 220μF/16V SMS	79221226	
C412	Electrolytic Capacitor 220μF/16V SMS	79221226	
C413	Ceramic Capacitor (TBX) 220ρF/50V	19221935	
C414	Ceramic Capacitor (TBX) 100ρF/50V	19101935	
C415	Ceramic Capacitor (TBX) 100ρF/50V	19101935	
C416	Mylar Capacitor 0.1μF/100V	79104297	
C417	Electrolytic Capacitor 0.47μF/50V PB	79474226	
C418	Electrolytic Capacitor 100μF/16VSMS	79101226	
C419-C429	Not Used		
C430	Mylar Capacitor 0.047μ F/100V	79473297	
C430	Electrolytic Capacitor 220μF/16V SMS	79221226	
C431	Electrolytic Capacitor 10μF/16V SMS	79100226	
C432	Ceramic Capacitor (TBX) 33ρF/50V	19330935	
C433-C445	Not Used		
C446	Mylar Capacitor 0.1μF/100V	79104297	
C447-C470	Not Used		
C471	Ceramic Capacitor (TBX) 100ρF/50V	19101935	
C472-C500	Not Used		
C501	Mylar Capacitor 0.047μF/100V	79473297	
C502	Not Used		
C503	Electrolytic Capacitor 47μF/16V SMS	79470226	
C504	Not Used		
C505	Mylar Capacitor 0.001μF/100V	79102297	
C506-C519	Not Used		
C520	Ceramic Capacitor (TBX) 0.022μF/50V	19223935	
C521-C529	Not Used		
C530	Mylar Capacitor 0.01μF/100V	79223297	
C531-C600	Not Used		
C601	Mylar Capacitor 0.01μF/100V	79103297	
C602	Mylar Capacitor 0.001μF/100V	79102297	
C603	Electrolytic Capacitor 47μF/16V SMS	79470226	
C604	Electrolytic Capacitor 470μF/25V SMS	79471226	
C605	Not Used		
C606	Mylar Capacitor 0.0027μF/100V	79272297	
C607	Electrolytic Capacitor 2200μF/25V SXE	79222226	
C608	Electrolytic Capacitor 2200μF/25V SXE	79222226	
C609	Electrolytic Capacitor 1000μF/25V SXE	79102226	
C610	Electrolytic Capacitor 4700μF/35V SHL	79472226	
C611	Electrolytic Capacitor 4700μF/35V SHL	79472226	
C612	Not Used		
C613	Electrolytic Capacitor 470μF/25V SMS	79471226	
C614	Not Used		
C615	Mylar Capacitor 0.1μF/100V	79104297	
C616	Electrolytic Capacitor 220μF/16V SMS	79221226	
C617	Electrolytic Capacitor 220μF/16V SMS	79221226	
C618-C630	NBot Used		
C631	Electrolytic Capacitor 47μF/16 SMS	79470226	
C632-C639	Not Used		
C640	Mylar Capacitor 0.1μF/100V	79104297	
C641-C649	Not Used		
C650	Electrolytic Capacitor 3300μF/35V SHL	79332226	
C651	Electrolytic Capacitor 3300μF/35V SHL	79332226	

ELECTRICAL PARTS LIST (For XA-5400)

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Capacitors			
C652	Not Used		
C653	Ceramic Capacitor (TBX) 0.1μF/50V	19104935	
C654	Ceramic Capacitor (TBX) 0.1μF/50V	19104935	
C655	Ceramic Capacitor (TBX) 0.1μF/50V	19104935	
C656	Ceramic Capacitor (TBX) 0.1μF/50V	19104935	
C657	Not Used		
C658	Electrolytic Capacitor 47μF/16V SMS	79470226	
C659C-700	Not Used		
C701	Electrolytic Capacitor 1μF/50V SMS	79010226	
C702	Electrolytic Capacitor 220μF/16V SMS	79221226	
Resistors			
R101	Carbon Film Resistor 0.5W 100 ohm	29101470	
R102	Carbon Film Resistor 1/16W 56K ohm	69563970	
R103	Not Used		
R104	Carbon Film Resistor 1/16W 5.6K ohm	69562970	
R105	Not Used		
R106	Carbon Film Resistor 1/16W 22K ohm	69223970	
R107-R109	Not Used		
R110	Carbon Film Resistor 1/16W 100K ohm	69104970	
R111	Carbon Film Resistor 1/16W 15K ohm	69153970	
R112	Carbon Film Resistor 1/16W 10K ohm	69103970	
R113	Carbon Film Resistor 1/16W 10K ohm	69103970	
R114	Carbon Film Resistor 1/16W 1K ohm	69102970	
R115	Carbon Film Resistor 1/16W 10K ohm	69103970	
R116	Carbon Film Resistor 1/16W 10K ohm	69103970	
R117	Carbon Film Resistor 1/16W 10K ohm	69103970	
R118	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R119	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R120	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R121	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R122	Carbon Film Resistor 1/16W 100 ohm	69101970	
R123	Carbon Film Resistor 1/16W 100 ohm	69101970	
R124	Carbon Film Resistor 1/16W 100 ohm	69101970	
R125	Carbon Film Resistor 1/16W 100 ohm	69101970	
R126	Carbon Film Resistor 1/16W 47 ohm	69470970	
R127	Carbon Film Resistor 1/16W 47 ohm	69470970	
R128	Carbon Film Resistor 1/16W 33K ohm	69333970	
R129	Carbon Film Resistor 1/16W 33K ohm	69333970	
R130	Carbon Film Resistor 1/16W 1.7K ohm	69172970	
R131	Carbon Film Resistor 1/16W 3.3K ohm	69332970	
R132	Carbon Film Resistor 1/16W 47 ohm	69470970	
R133	Carbon Film Resistor 1/16W 47 ohm	69470970	
R134	Carbon Film Resistor 1/16W 680 ohm	69681970	
R135	Carbon Film Resistor 1/16W 390 ohm	69391970	
R136	Carbon Film Resistor 1/16W 390 ohm	69391970	
R137	Carbon Film Resistor 0.5W 390 ohm	29391470	
R138	Cement Resistor 5W 0.22 ohm	59227789	
R139	Not Used		
R140	Carbon Film Resistor 1/16W 750 ohm	69751970	
R141	Carbon Film Resistor 1/16W 750 ohm	69751970	
R142	Carbon Film Resistor 1/16W 560 ohm	69561970	
R143	Carbon Film Resistor 1/16W 20K ohm	69203970	
R144	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R145	Carbon Film Resistor 1/16W 2.2K ohm	69222970	

ELECTRICAL PARTS LIST (For XA-5400)

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Resistors			
R146	Metal Oxide Resistor 1W 10 ohm	19100570	
R147	Carbon Film Resistor 1/16W 1K ohm	69102970	
R148	Carbon Film Resistor 1/16W 1K ohm	69102970	
R149	Carbon Film Resistor 1/16W 10K ohm	69103970	
R150	Metal Oxide Resistor 1W 10 ohm	19100570	
R151-R159	Not Used		
R160	Carbon Film Resistor 0.5W 18 ohm	29180470	
R161	Carbon Film Resistor 0.5W 82 ohm	29820470	
R162	Carbon Film Resistor 1/16W 15K ohm	69153970	
R163-R164	Not Used		
R165	Carbon Film Resistor 1/16W 22K ohm	69223970	
R166-R169	Not Used		
R170	Carbon Film Resistor 1/16W 10K ohm	69103970	
R171	Not Used		
R172	Carbon Film Resistor 1/16W 47K ohm	69473970	
R173-R200	Not Used		
R201	Carbon Film Resistor 0.5W 100 ohm	29101470	
R202	Carbon Film Resistor 1/16W 56K ohm	69563970	
R203	Not Used		
R204	Carbon Film Resistor 1/16W 5.6K ohm	69562970	
R205	Not Used		
R206	Carbon Film Resistor 1/16W 22K ohm	69223970	
R207-R209	Not Used		
R210	Carbon Film Resistor 1/16W 100K ohm	69104970	
R211	Carbon Film Resistor 1/16W 15K ohm	69153970	
R212-R213	Not Used		
R214	Carbon Film Resistor 1/16W 1K ohm	69102970	
R215	Carbon Film Resistor 1/16W 10K ohm	69103970	
R216	Carbon Film Resistor 1/16W 10K ohm	69103970	
R217	Carbon Film Resistor 1/16W 10K ohm	69103970	
R218	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R219	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R220	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R221	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R222	Carbon Film Resistor 1/16W 100 ohm	69101970	
R223	Carbon Film Resistor 1/16W 100 ohm	69101970	
R224	Carbon Film Resistor 1/16W 100 ohm	69101970	
R225	Carbon Film Resistor 1/16W 100 ohm	69101970	
R226	Carbon Film Resistor 1/16W 47 ohm	69470970	
R227	Carbon Film Resistor 1/16W 47 ohm	69470970	
R228	Carbon Film Resistor 1/16W 33K ohm	69333970	
R229	Carbon Film Resistor 1/16W 33K ohm	69333970	
R230	Carbon Film Resistor 1/16W 1.7K ohm	69172970	
R231	Carbon Film Resistor 1/16W 3.3K ohm	69332970	
R232	Carbon Film Resistor 1/16W 47 ohm	69470970	
R233	Carbon Film Resistor 1/16W 47 ohm	69470970	
R234	Carbon Film Resistor 1/16W 680 ohm	69681970	
R235	Carbon Film Resistor 1/16W 390 ohm	69391970	
R236	Carbon Film Resistor 1/16W 390 ohm	69391970	
R237	Carbon Film Resistor 0.5W 390 ohm	29391470	
R238	Cement Resistor 5W 0.22 ohm	59227789	
R239	Not Used		
R240	Carbon Film Resistor 1/16W 750 ohm	69751970	
R241	Carbon Film Resistor 1/16W 750 ohm	69751970	
R242	Carbon Film Resistor 1/16W 560 ohm	69561970	
R243	Carbon Film Resistor 1/16W 20K ohm	69203970	
R244	Carbon Film Resistor 1/16W 2.2K ohm	69222970	

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Resistors			
R245	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R246	Carbon Film Resistor 1W 10 ohm	19100570	
R247	Carbon Film Resistor 1/16W 1K ohm	69102970	
R248	Carbon Film Resistor 1/16W 1K ohm	69102970	
R249	Carbon Film Resistor 1/16W 10K ohm	69103970	
R250	Metal Oxide Resistor 1W 10 ohm	19100570	
R251-R259	Not Used		
R260	Carbon Film Resistor 0.5W 18 ohm	29180470	
R261	Carbon Film Resistor 0.5W 82K ohm	29820470	
R262	Carbon Film Resistor 1/16W 15K ohm	69153970	
R263-R264	Not Used		
R265	Carbon Film Resistor 1/16W 22K ohm	69223970	
R266-R269	Not Used		
R270	Carbon Film Resistor 1/16W 10K ohm	69103970	
R271	Not Used		
R272	Carbon Film Resistor 1/16W 47K ohm	69473970	
R273-R300	Not Used		
R301	Carbon Film Resistor 0.5W 100 ohm	29101470	
R302	Carbon Film Resistor 1/16W 56K ohm	69563970	
R303	Not Used		
R304	Carbon Film Resistor 1/16W 5.6K ohm	69562970	
R305	Not Used		
R306	Carbon Film Resistor 1/16W 22K ohm	69223970	
R307	Carbon Film Resistor 1/16W 4.7K ohm	69472970	
R308	Carbon Film Resistor 1/16W 100 ohm	69104970	
R309	Carbon Film Resistor 1/16W 390 ohm	69391970	
R310	Carbon Film Resistor 1/16W 100K ohm	69104970	
R311	Carbon Film Resistor 1/16W 15K ohm	69153970	
R312	Carbon Film Resistor 1/16W 10K ohm	69103970	
R313	Carbon Film Resistor 1/16W 10K ohm	69103970	
R314	Carbon Film Resistor 1/16W 1K ohm	69102970	
R315	Carbon Film Resistor 1/16W 10K ohm	69103970	
R316	Carbon Film Resistor 1/16W 10K ohm	69103970	
R317	Carbon Film Resistor 1/16W 10K ohm	69103970	
R318	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R319	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R320	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R321	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R322	Carbon Film Resistor 1/16W 100 ohm	69101970	
R323	Carbon Film Resistor 1/16W 100 ohm	69101970	
R324	Carbon Film Resistor 1/16W 100 ohm	69101970	
R325	Carbon Film Resistor 1/16W 100 ohm	69101970	
R326	Carbon Film Resistor 1/16W 47 ohm	69470970	
R327	Carbon Film Resistor 1/16W 47 ohm	69470970	
R328	Carbon Film Resistor 1/16W 33K ohm	69333970	
R329	Carbon Film Resistor 1/16W 33K ohm	69333970	
R330	Carbon Film Resistor 1/16W 1.7K ohm	69172970	
R331	Carbon Film Resistor 1/16W 3.3K ohm	69333970	
R332	Carbon Film Resistor 1/16W 47 ohm	69470970	
R333	Carbon Film Resistor 1/16W 47 ohm	69470970	
R334	Carbon Film Resistor 1/16W 680 ohm	69681970	
R335	Carbon Film Resistor 1/16W 390 ohm	69391970	
R336	Carbon Film Resistor 1/16W 390 ohm	69391970	
R337	Carbon Film Resistor 0.5W 390 ohm	29391470	
R338	Cement Resistor 5 W 0.22 ohm	59227789	
R339	Not Used		
R340	Carbon Film Resistor 1/16W 750 ohm	69751970	

ELECTRICAL PARTS LIST (For XA-5400)

Ref. No.	Descriptions	SW Parts No.	MFR's Parts No.
Resistors			
R341	Carbon Film Resistor 1/16W 750 ohm	69751970	
R342	Carbon Film Resistor 1/16W 560 ohm	69561970	
R343	Carbon Film Resistor 1/16W 20K ohm	69203970	
R344	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R345	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R346	Metal Oxide Reisitor 1W 10 ohm	19100570	
R347	Carbon Film Reisitor 1/16W 1K ohm	69102970	
R348	Carbon Film Reisitor 1/16W 1K ohm	69102970	
R349	Carbon Film Reisitor 1/16W 10K ohm	69103970	
R350	Carbon Film Reisitor 1W 10 ohm	19100570	
R351-R359	Not Used		
R360	Carbon Film Reisitor 0.5W 18 ohm	29180470	
R361	Carbon Film Reisitor 0.5W 82 ohm	29820470	
R362	Carbon Film Reisitor 1/16W 47K ohm	69473970	
R363	Carbon Film Reisitor 1/16W 15K ohm	69153970	
R364	Carbon Film Resistor 1/16W 10K ohm	69103970	
R365	Carbon Film Resistor 1/16W 22K ohm	69223970	
R366-R367	Not Used		
R368	Carbon Film Resistor 1/16W 22K ohm	69223970	
R369	Not Used		
R370	Carbon Film Resistor 1/16W 10K ohm	69103970	
R371	Carbon Film Resistor 1/16W 1M ohm	69105970	
R372-R400	Not Used		
R401	Carbon Film Resistor 0.5W 100 ohm	29101470	
R402	Carbon Film Resistor 1/16W 56K ohm	69563970	
R403	Not Used		
R404	Carbon Film Resistor 1/16W 5.6K ohm	69562970	
R405	Not Used		
R406	Carbon Film Resistor 1/16W 22K ohm	69223970	
R407	Carbon Film Resistor 1/16W 4.7K ohm	69472970	
R408	Carbon Film Resistor 1/16W 100K ohm	69104970	
R409	Carbon Film Resistor 1/16W 390 ohm	69391970	
R410	Not Used		
R411	Carbon Film Resistor 1/16W 15K ohm	69153970	
R412-R413	Not Used		
R414	Carbon Film Resistor 1/16W 1K ohm	69102970	
R415	Carbon Film Resistor 1/16W 10K ohm	69103970	
R416	Carbon Film Resistor 1/16W 10K ohm	69103970	
R417	Carbon Film Resistor 1/16W 10K ohm	69103970	
R418	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R419	Carbon Film Resistor 1/16W 1.2K ohm	69122970	
R419	Metal Oxide Resistor 1W 10 ohm	19100570	
R420	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R421	Carbon Film Resistor 1/16W 6.8K ohm	69682970	
R422	Carbon Film Resistor 1/16W 100 ohm	69101970	
R423	Carbon Film Resistor 1/16W 100 ohm	69101970	
R424	Carbon Film Resistor 1/16W 100 ohm	69101970	
R425	Carbon Film Resistor 1/16W 100 ohm	69101970	
R426	Carbon Film Resistor 1/16W 47 ohm	69470970	
R427	Carbon Film Resistor 1/16W 47 ohm	69470970	
R428	Carbon Film Resistor 1/16W 33K ohm	69333970	
R429	Carbon Film Resistor 1/16W 33K ohm	69333970	
R430	Carbon Film Resistor 1/16W 1.7K ohm	69172970	
R431	Carbon Film Resistor 1/16W 3.3K ohm	69332970	
R432	Carbon Film Resistor 1/16W 47 ohm	69470970	
R433	Carbon Film Resistor 1/16W 47 ohm	69470970	
R434	Carbon Film Resistor 1/16W 680 ohm	69681970	

ELECTRICAL PARTS LIST (For XA-5400)

Ref.No.	Descriptions	SW Parts No.	MFR's Parts No.
Resistors			
R435	Carbon Film Resistor 1/16W 390 ohm	69391970	
R436	Carbon Film Resistor 1/16W 390 ohm	69391970	
R437	Carbon Film Resistor 0.5W 390 ohm	29391470	
R438	Cement Resistor 5W 0.22 ohm	59227789	
R439	Not Used		
R440	Carbon Film Resistor 1/16W 750 ohm	69751970	
R441	Carbon Film Resistor 1/16W 750 ohm	69751970	
R442	Carbon Film Resistor 1/16W 560 ohm	69561970	
R443	Carbon Film Resistor 1/16W 20K ohm	69203970	
R444	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R445	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R446	Metal Oxide Resistor 1W 10 ohm	19100570	
R447	Carbon Film Resistor 1/16W 1K ohm	69102970	
R448	Carbon Film Resistor 1/16W 1K ohm	69102970	
R449	Carbon Film Resistor 1/16W 10K ohm	69103970	
R450-R459	Not Used		
R460	Carbon Film Resistor 0.5W 18 ohm	29180470	
R461	Carbon Film Resistor 0.5W 82 ohm	29820470	
R462	Carbon Film Resistor 1/16W 47K ohm	69473970	
R463	Carbon Film Resistor 1/16W 15K ohm	69153970	
R464	Carbon Film Resistor 1/16W 10K ohm	69103970	
R465	Carbon Film Resistor 1/16W 22K ohm	69223970	
R466-R467	Not Used		
R468	Carbon Film Resistor 1/16W 22K ohm	69223970	
R469	Not Used		
R470	Carbon Film Resistor 1/16W 10K ohm	69103970	
R471	Carbon Film Resistor 1/16W 1M ohm	69105970	
R472-R500	Not Used		
R501	Carbon Film Resistor 1/16W 1K ohm	69102970	
R502-R-508	Not Used		
R509	Carbon Film Resistor 1/16W 680 ohm	69681970	
R510	Carbon Film Resistor 1/16W 330 ohm	69331970	
R511-R513	Not Used		
R514	Carbon Film Resistor 1/16W 10K ohm	69103970	
R515	Carbon Film Resistor 1/16W 10K ohm	69103970	
R516-R520	Not Used		
R521	Carbon Film Resistor 1/16W 51K ohm	69513970	
R522-R600	Not Used		
R601	Carbon Film Resistor 1/16W 10K ohm	69103970	
R602	Carbon Film Resistor 1/16W 10K ohm	69103970	
R603	Carbon Film Resistor 1/16W 1K ohm	69102970	
R604	Carbon Film Resistor 1/16W 2K ohm	69202970	
R605-R606	Not Used		
R607	Carbon Film Resistor 1/16W 56K ohm	69563970	
R608	Carbon Film Resistor 1/16W 56K ohm	69563970	
R609	Carbon Film Resistor 1/16W 5.6K ohm	69562970	
R610	Carbon Film Resistor 1/16W 10K ohm	69103970	
R610	Carbon Film Resistor 1/16W 4.7K ohm	69472970	
R611	Carbon Film Resistor 1/16W 5.6K ohm	69562970	
R612	Carbon Film Resistor 1/16W 10K ohm	69103970	
R613	Carbon Film Resistor 1/16W 220 ohm	69221970	
R614	Carbon Film Resistor 1/16W 220 ohm	69221970	
R615-R616	Not Used		
R617	Carbon Film Resistor 1/16W 100 ohm	69101970	
R618	Carbon Film Resistor 1/16W 100 ohm	69101970	
R619	Carbon Film Resistor 1/4W 100 ohm	49101270	
R620	Carbon Film Resistor 1/4W 100 ohm	69101270	

ELECTRICAL PARTS LIST (For XA-5400)

Ref No.	Descriptions	SW Parts No.	MFR's Parts No.
Resistors			
R621	Carbon Film Resistor 1/4W 100 ohm	69101270	
R622	Carbon Film Resistor 1/4W 100 ohm	69101270	
R622	Carbon Film Resistor 1/4W 100 ohm	69101270	
R622	Carbon Film Resistor 1/4W 100 ohm	69101270	
R625	Carbon Film Resistor 1/4W 100 ohm	49101270	
R626	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R627	Carbon Film Resistor 1/16W 2.2K ohm	69222970	
R628	Carbon Film Resistor 1/16W 1K ohm	69102970	
R629	Metal Oxide Resistor 1W 330 ohm	19331570	
R630	Not Used		
R631	Metal Oxide Resistor 2W 10 ohm	20100470	
R632-R633	Not Used		
R634	Carbon Film Resistor 1/16W 5.6K ohm	69262970	
R635-R638	Not Used		
R639	Carbon Film Resistor 1/4W 100 ohm	49101270	
R640	Carbon Film Resistor 1/16W 10 ohm	69101970	
R641	Carbon Film Resistor 1/4W 100 ohm	49101270	
R642	Carbon Film Resistor 1/16W 10K ohm	69103970	
R643	Carbon Film Resistor 1/4W 100 ohm	49101270	
R644-R700	Not Used		
R701	Carbon Film Resistor 1/16W 1K ohm	69102970	
R701	Carbon Film Resistor 1/16W 100K ohm	69104970	
R702	Carbon Film Resistor 1/16W 100K ohm	69104970	
R703	Carbon Film Resistor 1/16W 100K ohm	69104970	
R704	Carbon Film Resistor 1/16W 100K ohm	69104970	
R705	Carbon Film Resistor 1/16W 10K ohm	69103970	
R706	Not Used		
R707	Carbon Film Resistor 1/16W 10K ohm	69103970	
R708	Not Used		
R709	Carbon Film Resistor 1/16W 33K ohm	69333970	
R710	Not Used		
R711	Carbon Film Resistor 1/16W 33K ohm	69333970	
R712	Carbon Film Resistor 1/16W 10K ohm	69103970	
R713	Carbon Film Resistor 1/16W 15K ohm	69153970	
R714-R717	Not Used		
R718	Carbon Film Resistor 1/16W 10K ohm	69103970	
Jacks			
RCA101	RCA Jack JI 0200510G	38105810	
RCA102-RCA300	Not Used		
RCA301	RCA Jcak JI 0200510G	38105810	
Miscellaneous			
W101	Wafer 5267-07A	28507710	
W101	Wafer 5281-04A	28525800	
W301	Wafer 5281-04A	28525800	
W501	Wafer 5267-04A	28504710	
	Auto Fuse Holder HO-448	08448115	
	Auto Fuse Holder HO-448	08448115	
	Screw Terminal Gold-8P	03028810	
	Screw Terminal Gold-4P	03024810	
	Main P.C.B. SRP-4060C-03	04618810	

MECHANICAL PARTS LIST (For XA-5400)

Ref No.	Items	Descriptions	Q'ty	SW Parts No.	MFR's Parts No.
1	Main Heat Sink	320/300/55mm(W/D/H)	1	101001	
2	Bottom Cover	370/250/1.0Tmm(W/D/H)	1	102001	
3	Front Panel	250x40x1.0T	1	103001	
4	Rear Panel	250x40x1.0T	1	103002	
5	T.R Bracket (A)	15x35x1.2T	5	201001	
6	T.R Bracket (B)	15x44x1.2T	2	201001	
7	T.R Bracket (C)	15x365x1.2T	1	201001	
8	Screw	PH 2 +3x5 White	4	301001	
9	Screw	BH + M4x5 White	4	301001	
10	Screw	BHT 3 + 3x8 White	4	301001	
11	Screw	BHT 2 + 3X8 White	6	301001	
12	Screw	PHT 2 + 2X5 Black	4	301001	
13	Screw	PHT 2 + 3x10 Black	10	301001	
14	Screw	BHT 3 + 3x11 White	2	301001	
15	Screw	PH+ M3x5 Black	8	301001	
16	Screw	PH+ M3x5 Black	4	301001	
17	Screw	BHT2 + 3x5 Black	6	301001	
18	Screw	ZINC 3x5T 3BH Black	1	301001	
19	Screw	BK+ 4x25 m 2BH	4	301001	
20	Nut	BK M4	4	121001	
21	P.C.B. Post (A)	6x15xM3 (Brass)	4	401001	
22	P.C.B. Post (B)	6x11xM3 (Brass)	4	401001	
23	Flat Washer (Nature)	ϕ 3.2 White	4	501001	
24	Star Washer (Nature)	ϕ 3.2 White	3	502001	
25	Fiber	250x35x0.3T	1	601001	
26	Rubber	10x10x5T	4	701001	
27	Rubber	15x15x6T	4	701002	
28	Felt	285x75	2	701002	
29	Cushion	ϕ4.0Xϕ8.0X2.0T	4	801001	
30	Cushion	40X60X2.0T	1	801001	
31	Main P.C.Board	250x220x1.6T	1	901001	
32	Front P.C.Board	250x50x1.6T	1	901002	
33	Rear P.C.Board	250x50x1.6T	1	901003	
34	DC Fan		1	901004	
35	L.E.D.	Red	1	111001	
36	L.E.D.	Green	1	111002	
		Miscellaneous Kits			
37	Operation Manual (1° Color).		1	A-0001	common for XA-5300
38	Gift Box (2° Color UV Coating)		1	A-0002	
39	Snow Box.		1	A-0003	common for XA-5300
40	Warranty Card.		1	A-0004	common for all items
41	UPC Lable		1	A-0005	
42	Model Label		1	A-0006	
43	Poly [illegible]		1	A-0007	common for XA-5300
44	Hi Level Connector (BL/BL-BK/VI-BKVI)		1	A-0008	common for all items
45	Hi Level Connector (GR/GR-BK/BR-BK/BK)		1	A-0009	
46	Cleaning Cloth.		1	A-0010	common for All items

IC & TRANSISTOR VOLTAGE CHARTS (For XA-5300)

1.ICs

PIN No.	IC601	IC701	IC101	IC103	IC104	IC301	IC302
1	3.67V	9.35V	15.4V	15.4V	15.4V	15.4V	15.4V
2	3.67V	13.8V	0V	0V	0V	0V	0V
3	1.98V	4.69V	0V	0V	0V	0V	0V
4	0V	9.09V	0V	0V	0V	0V	0V
5	1.53V	0V	-15.4V	-15.4V	-15.4V	-15.4V	-15.4V
6	3.68V	4.70V	0V	0V	0V	0V	0V
7	0V	4.57V	0V	0V	0V	0V	0V
8	13.8V	7.82V	0V	0V	0V	0V	0V
9	3.71V	9.35V	15.4V	15.4V	15.4V	15.4V	15.4V
10	3.71V						
11	13.8V						
12	13.8V						
13	5.00V						
14	4.99V						
15	2.87V						
16	2.46V						

2. Transistors

	Q101 Q201 Q301 Q401	Q102 Q202 Q302 Q402	Q103 Q203 Q303 Q403	Q104 Q204 Q304 Q404	Q105 Q205 Q305 Q405	Q106 Q206 Q306 Q406	Q107 Q207 Q307 Q407	Q108 Q208 Q308 Q408	Q109 Q209 Q309 Q409	Q110 Q210 Q310 Q410	Q111 Q211 Q311 Q411
E	0.57V	-0.58V	0.57V	-0.58V	-20.8V	20.6V	-1.76V	1.19V	-1.18V	0.60V	-0.60V
C	-20.2V	20.2V	-20.0V	20.8V	-1.77V	1.73V	1.73V	20.8V	-21.0V	20.8V	-21.0V
B	-0.01V	-0.01V	0V	0V	-20.0V	20.0V	-0.66V	1.73V	-1.76V	1.18V	-1.18V

	Q112 Q212 Q312 Q412	Q113 Q213 Q313 Q413	Q501	Q502	Q601	Q602	Q603	Q604	Q605	Q606
E	0V	-0.02V	13.79V	13.81V	3.66V	3.67V	-15.5V	15.5V	3.67V	3.67V
C	20.8V	-20.9V	0.05V	0.02V	0V	0V	-21.0V	20.8V	13.46V	13.46
B	0.60V	-0.60V	13.73V	13.73V	3.75V	3.54V	-16.1V	16.2V	3.77V	3.76V

	FET601	FET602	FET603	FET604	FET605	FET606		SCR601
G	3.71V	3.71V	3.71V	3.71V	3.71V	3.71V		0.06V
D	13.36V	13.36V	13.36V	13.36V	3.36V	13.36V		13.79V
S	0V	0V	0V	0V	0V	0V		0.01V

Note : 14.38V NO LOAD

IC & TRANSISTOR VOLTAGE CHARTS (For XA-5400)

1.ICs

PIN No.	IC601	IC701	IC101	IC103	IC104	IC301	IC302	IC303
1	2.65V	9.35V	16.3V	16.3V	16.3V	16.3V	16.3V	9.35V
2	2.65V	13.8V	0V	0V	0V	0V	0V	1.01V
3	1.29V	4.69V	0V	0V	0V	0V	0V	0V
4	0V	9.09V	0V	0V	0V	0V	0V	0V
5	1.53V	0V	-16.3V	-16.3V	-16.3V	-16.3V	-16.3V	0V
6	3.70V	4.70V	0V	0V	0V	0V	0V	8.71V
7	0V	4.57V	0V	0V	0V	0V	0V	7.88V
8	13.8V	7.82V	0V	0V	0V	0V	0V	9.10V
9	5.10V	9.35V	16.3V	16.3V	16.3V	16.3V	16.3V	9.35V
10	5.24V							
11	13.4V							
12	13.4V							
13	5.00V							
14	5.00V							
15	4.94V							
16	2.49V							

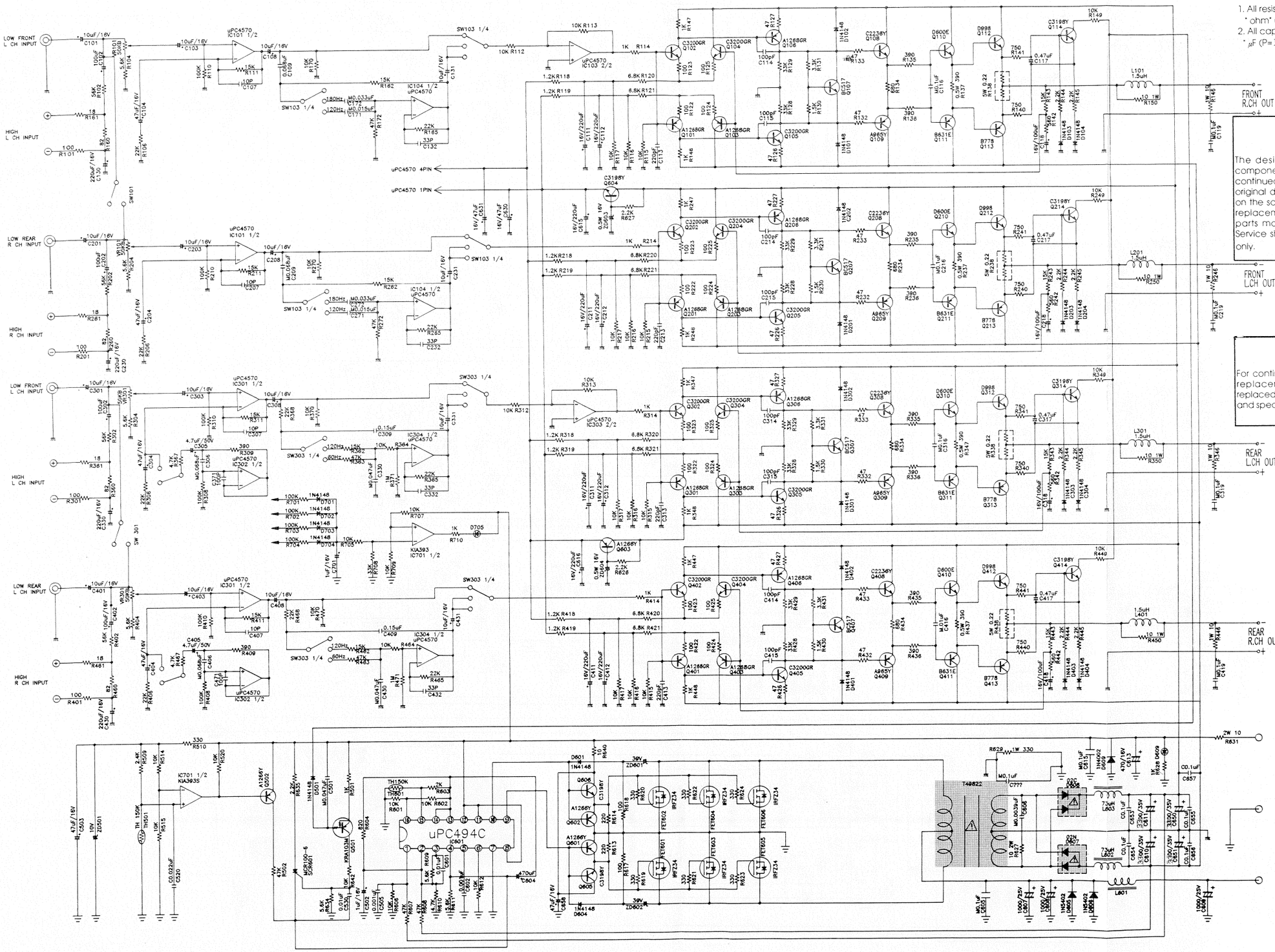
2. Transistors

	Q101 Q201 Q301 Q401	Q102 Q202 Q302 Q402	Q103 Q203 Q303 Q403	Q104 Q204 Q304 Q404	Q105 Q205 Q305 Q405	Q106 Q206 Q306 Q406	Q107 Q207 Q307 Q407	Q108 Q208 Q308 Q408	Q109 Q209 Q309 Q409	Q110 Q210 Q310 Q410	Q111 Q211 Q311 Q411
E	0.57V	-0.57V	0.54V	-0.56V	-33.4V	33.4V	-0.16V	1.19V	-1.09V	0.50V	-0.54V
C	-32.9V	32.8V	-33.7V	33.7V	-1.63V	1.71V	0.17V	33.7V	-33.7V	33.6V	-33.7V
B	-0.01V	-0.01V	0V	0V	-32.8V	32.8V	-0.05V	1.71V	-1.63V	1.07V	-1.08V

	Q112 Q212 Q312 Q412	Q113 Q213 Q313 Q413	Q501	Q502	Q601	Q602	Q603	Q604	Q605	Q606	Q114 Q214 Q314 Q414
E	0.04V	-0.03V	13.79V	12.89V	13.60V	4.87V	-16.3V	16.3V	4.87V	4.99V	1.71V
C	33.6V	-33.6V	0.01V	0.21V	0V	0V	-33.6V	33.6V	12.76V	12.76V	33.2V
B	0.61V	-0.63V	12.93V	33.59V	5.10V	5.25V	-16.6V	16.9V	5.09V	5.25V	-1.72

	FET601	FET602	FET603	FET604	FET605	FET606		SCR601		Q701
G	4.86V	4.86V	4.86V	4.86V	4.86V	4.86V		0.21V	E	13.52V
D	13.36V	13.36V	13.36V	13.36V	3.36V	13.36V		13.40V	C	0V
S	0V	0V	0V	0V	0V	0V		0.01V	B	12.91V

Note : 14.38V NO LOAD



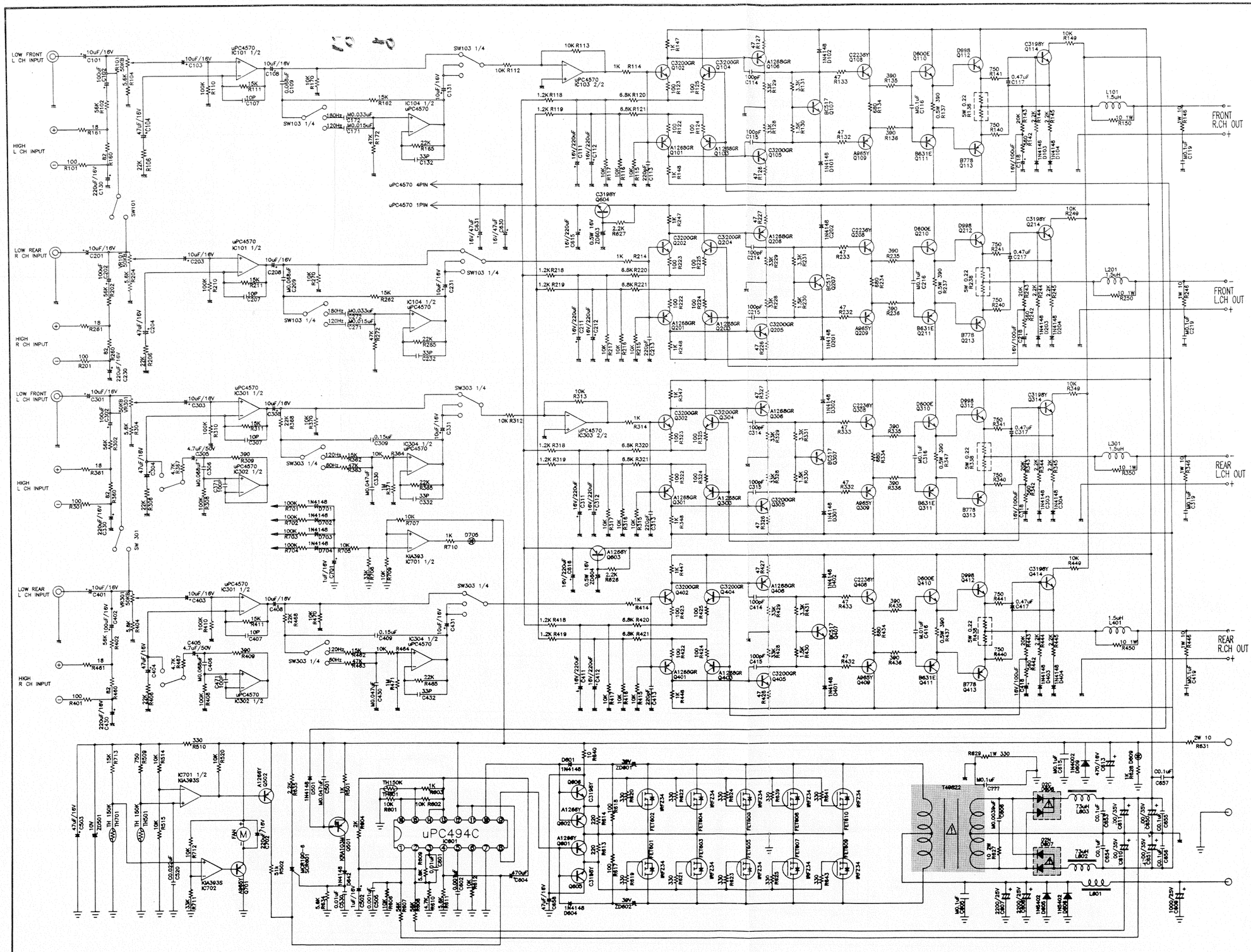
1. All resistance values are indicated in " ohm" (K=10 3 ohm, M=106 ohm)
2. All capacitance values are indicated in " μF (P=10-6 μF)

SAFETY CRITICAL COMPONENTS

The design of this unit contains many circuits and components included specifically for safety purpose for continued protection. No changes should be made the original design and components shown in shaded areas on the schematic should be replaced with exact factory replacement parts. The use of unauthorized substitute parts may creat a shock, fires heat or other hazard. Service should be performanced by qualified personnel only.

RELIABILITY AND PERFORMANCE

For continued reliability and performance, exact factory replacements are recommended for all other parts replaced. If a substitute must be used, be sure its quality and specifications are identical to the original parts.



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